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NASA SHUTTLE LANDING FACILITY, FL

Prepared by

OL-A, USAFETAC ASHEVILLE, NORTH CAROLINA 28801-2723

JANUARY 1989

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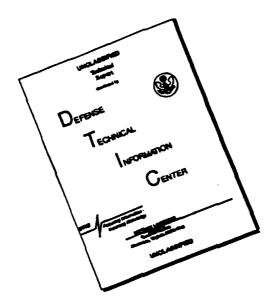
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2 8 SEP 1990

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REPORT DOCUMENTATION PAGE

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- 11. SUPPLEMENTARY NOTES: EFFECTIVE JULY 1 1988, THIS PRODUCT REPLACED TWO USAFETAC DOCUMENTS FORMERLY KNOWN AS THE REVISED UNIFORM SUMMARY OF SURFACE OBSERVATIONS (RUSSWO) AND THE LIMITED SURFACE OBSERVATIONS CLIMATIC SUMMARY (LISOCS). EXISTING RUSSWOS AND LISOCS WILL CONTINUE IN USE, BUT WILL EVENTUALLY BE BY A SOCS.
- 12A. DISTRIBUTION/AVAILABILITY STATEMENT: APPROVED FOR PUBLIC RELEASE, DISTRIBUTION IS UNLIMITED.
- 13. ABSTRACT: SURFACE OBSERVATION CLIMATIC SUMMARIES (SOCS) PROVIDE STATISTICAL CLIMATIC SUMMARIES OF SURFACE WEATHER OBSERVATIONS TAKEN AND RECORDED AT SPECIFIED USAF, CIVILIAN AND FOREIGN OBSERVING STATIONS. HOURLY OBSERVATIONS ARE SUMMARIZED FROM A 10-YEAR PERIOD OF RECORD (POR). "SUMMARY OF DAY" (SOD) INFORMATION IS SUMMARIZED FROM ALL AVAILABLE DATA IN THE OL-A, USAFETAC CLIMATIC DATABASE.
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PREFACE

EFFECTIVE 1 JULY 1988, THE SURFACE OBSERVATION CLIMATIC SUMMARIES (SOCS) REPLACED TWO OTHER USAFETAC PRODUCTS OF LONG STANDING: THE RUSSWO (REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS) AND LISOCS (LIMITED SURFACE OBSERVATION CLIMATIC SUMMARY). RUSSWOS AND LISOCS NOW IN EXISTENCE WILL CONTINUE TO BE USED UNTIL THEY ARE EVENTUALLY REPLACED BY SOCS.

THIS PRODUCT HAS BEEN ISSUED IN OTHER FORMS UNDER SEVERAL OTHER NAMES. IT WAS INTRODUCED IN THE EARLY 1940'S AS THE "SFCSUM," OR "SURFACE SUMMARY." THE ORIGINAL "USSWO," OR "UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS," DEBUTED IN 1946. THE USSWO GRADUALLY EVOLVED INTO THE "RUSSWO" AND THE "LISOCS." IT FINALLY BECAME THE NEW "SURFACE OBSERVATION CLIMATIC SUMMARIES" OR "SOCS" IN JULY 1988.

THE SOCS (LIKE ITS PREDECESSORS) IS PREPARED BY USAFETAC'S OPERATING LOCATION A AT ASHEVILLE, NC 28801-2723. HERE, CLIMATOLOGISTS USE STATE-OF-THE-ART COMPUTER TECHNOLOGY TO SUMMARIZE WEATHER OBSERVATIONS COLLECTED FROM SELECTED MILITARY, CIVILIAN, AND FOREIGN REPORTING STATIONS. SUMMARIES ARE PREPARED FROM DATA THAT HAS BEEN COLLECTED, QUALITY-CONTROLLED, AND STORED IN OL-A'S WORLDWIDE SURFACE WEATHER OBSERVATION DATABASE.

ALTHOUGH PREVIOUS VERSIONS OF THIS PRODUCT ONLY OFFERED SIX PARTS, SOCS PROVIDES EIGHT (A-H). THE ADDITIONS ARE THE CROSSWIND AND HEATING-COOLING DEGREE DAY SUMMARIES. PRECEDING EACH PART IS A BRIEF DISCUSSION OF THAT PARTICULAR PART, A DESCRIPTION OF THE DATA, AND AN EXPLANATION OF HOW THE DATA IS PRESENTED.

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INTRODUCTION

STATION PERIOD OF RECORD.

HOURLY OBSERVATIONS: NOV 78 - OCT 88 (AIRWAYS).

SUMMARY OF DAY DATA: MAR 78 - OCT 88 (FULL TIME).

HOURS SUMMARIZED: 0000 LST THROUGH 2300 LST.

DATA SOURCES. THESE SUMMARIES ARE COMPILED FROM "HOURLY OBSERVATIONS" AND/ OR SUMMARY OF DAY DATA," DEPENDING ON THE PHENOMENA OR OCCURRENCE BEING SUMMARIZED. THE TWO SOURCES ARE DEFINED IN "TERMS EXPLAINED."

TERMS EXPLAINED:

BIVARIATE DISTRIBUTION: A BIVARIATE DISTRIBUTION GIVES THE JOINT DISTRIBUTIONS OF TWO RELATED VARIABLES. AN EXAMPLE IS THE BIVARIATE DISTRIBUTION OF CEILING AND VISIBILITIES IN PART D. EACH ROW AND EACH COLUMN OF A BIVARIATE DISTRIBUTION IS A FREQUENCY DISTRIBUTION. JOINT FREQUENCIES ARE FOUND AT THE ROW-COLUMN INTERSECTIONS.

HOURLY OBSERVATIONS: ALL RECORD OR RECORD-SPECIAL OBSERVATIONS ON AWS FORMS 10/10A (OR EQUIVALENT) AT SCHEDULED HOURLY INTERVALS.

SUMMARY OF DAY (SOD) DATA: DATA COMPILED FROM ALL AVAILABLE OBSERVATIONAL SOURCES, INCLUDING HOURLY OBSERVATIONS, SPECIAL OBSERVATIONS, REMARKS, AND ACTUAL "SUMMARY OF DAY" DATA RECORDED IN COLUMNS 44-73 OF AWS FORMS 10/10A (OR EQUIVALENT) FOR ANY GIVEN DAY.

MEAN: THE SUM OF ALL THE VALUES DIVIDED BY THE NUMBER OF VALUES.

MEASURABLE AMOUNT: ANY PRECIPITATION OR SNOWFALL AMOUNT GREATER THAN A TRACE.

MEDIAN: THE MIDDLE VALUE WHEN THE VALUES ARE IN ASCENDING ORDER. IF THE NUMBER OF VALUES IS EVEN, THE MEDIAN IS HALFWAY BETWEEN THE TWO MIDDLE VALUES.

PERCENT OCCURRENCE FREQUENCY (POF): IN STATISTICS, FREQUENCY IS THE NUMBER OF TIMES A GIVEN COUNT OR EVENT OCCURS. IN THE SOCS, THIS IS EXPRESSED AS THE PERCENT OCCURRENCE FREQUENCY (POF), WHERE THE FREQUENCY (NUMBER OF OCCURRENCES) IS GIVEN AS A PERCENT OF ALL POSSIBLE OCCURRENCES IN THE SAMPLE (PERIOD SUMMARIZED). FOR EXAMPLE, IF SNOW FELL ON 5 OUT OF 100 DAYS WE COULD EXPRESS THE "PERCENT OCCURRENCE FREQUENCY" OF SNOW AS 5 PERCENT OVER THE 100-DAY PERIOD. MAY BE USED INTERCHANGEABLY WITH "PERCENT FREQUENCY OF OCCURRENCE."

PERIOD OF RECORD: THE SIZE OF THE OBSERVATIONAL DATA SAMPLE, IN YEARS.

PRECIPITATION: A TERM THAT INCLUDES BOTH LIQUID PRECIPITATION AND WATER EQUIVALENT.

STANDARD DEVIATION: A MEASURE OF DISPERSION ON THE VARIABILITY OF THE QUANTITY CONCERNED ABOUT ITS ARITHMETIC MEAN. THE LARGER THE STANDARD DEVIATION, THE GREATER THE VARIABILITY.

TIME CONVENTIONS: ALL TIMES IN THE SOCS ARE EXPRESSED IN LOCAL STANDARD TIME (LST). USERS SHOULD MAKE ADJUSTMENTS FOR DAYLIGHT SAVING TIMES IN THEIR AREAS. IN SUMMARIES THAT SHOW DIURNAL VARIATIONS, THE DATA IS SUMMARIZED USING THE FOLLOWING STANDARD 3-HOUR PERIODS (ALL LST):

0000-0200	1200-1400
0300-0500	1500-1700
0600-0800	1800-2000
0900-1100	2100-2300

ABBREVIATIONS USED:

AMT	AMOUNT	ŁT	LESS THAN
ANN	ANNUAL	М	METER
BARO	BAROMETER	MB	MILLIBAR
С	CENTIGRADE (CELSIUS)	MPS	METERS PER SECOND
DEG	DEGREE	MSL	MEAN SEA LEVEL
DB	DRY BULB TEMPERATURE	MEAS	MEASURABLE
DP	DEW POINT TEMPERATURE	NO.	NUMBER
EQ	EQUAL	OBS	OBSERVATION
F	FAHRENHEIT	OBST	OBSTRUCTION
FRZG	FREEZING	POF	PERCENT OCCURRENCE FREQUENCY
FT	FEET	PRECIP	PRECIPITATION
GE	GREATER THAN OR EQUAL TO	SD	STANDARD DEVIATION
GMT	GREENWICH MEAN TIME	SOD	SUMMARY OF DAY
GT	GREATER THAN	TEMP	TEMPERATURE
HG	INCHES OF MERCURY	TSTM	THUNDERSTORM
нт	HEIGHT	VSBY	VISIBILITY
KTS	KNOTS	VSN	VISION
LE	LESS THAN OR EQUAL TO	WB	WET BULB TEMPERATURE
LST	LOCAL STANDARD TIME	WBAN	AWS FORM 10/10A
		UTC	*COORDINATED UNIVERSAL TIME

SUMMARY DESCRIPTION: A BRIEF DESCRIPTION OF THE DATA PRECEDES EACH PART IN THE SOCS.

^{*} UTC REPLACED GMT ON 1 AUGUST 1988

TATION NO.	STATION NAME		1/	ATITUDE	LONGITUDE	FLD ELEV (FLD ELEV (FT) CALL SIGN V				MO NMBR	
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PP	PP	AA	AA	RR	RR	TT	AA	AA
PPPPP	PPPP	AA	AA	RRRR	RRRRR	TT	AA	AA
PPPPP	PPP	AAAAA	AAAAA	RRRR	RRRR	ŤŤ	AAAAA	AAAAA
PP		AAAAA	AAAAA	RR	RR	TŤ	AAAA	AAAAA
PP		AA	AA	RR	RR	ΤΤ	AA	AA
PP		AA	AA	RR	RR	TT	AA	AA
PP		AA	AA	RR	RR	ΤΤ	AA	AA

PART A

ATMOSPHERIC PHENOMENA SUMMARIES

THIS PART SUMMARIZES SPECIFIED ATMOSPHERIC PHENOMENA IN CATEGORIES AS FOLLOWS:

THUNDERSTORMS: ALL REPORTED OCCURRENCES OF THUNDERSTORMS, TORNADOES, AND WATERSPOUTS.

LIQUID PRECIPITATION: RAIN OR DRIZZLE FALLING TO THE GROUND BUT NOT FREEZING.

FREEZING PRECIPITATION: FREEZING RAIN OR FREEZING DRIZZLE (GLAZE).

FROZEN PRECIPITATION: SNOW, SNOW PELLETS, SLEET, SNOW GRAINS, ICE CRYSTALS, ICE PELLETS. IN JANUARY 1968, SNOW PELLETS BECAME KNOWN AS SMALL HAIL.

HAIL: ALL OCCURRENCES OF HAIL.

ALL PRECIPITATION: INCLUDES ALL OBSERVATIONS REPORTING PRECIPITATION. BECAUSE MORE THAN ONE TYPE OF PRECIPITATION MAY BE INCLUDED IN THE SAME OBSERVATION, THE SUM OF PERCENTAGES IN THE INDIVIDUAL CATEGORIES MAY EXCEED THE PERCENTAGES IN THIS CATEGORY.

FOG: INCLUDES ALL REPORTED FOG, ICE FOG, AND GROUND FOG.

SMOKE AND/OR HAZE: SMOKE, HAZE, OR COMBINATIONS OF THE TWO.

BLOWING SNOW: ALL REPORTS OF BLOWING SNOW, INCLUDIG DRIFTING SNOW, WHEN REPORTED.

DUST AND/OR SAND: DUST, SAND, BLOWING DUST, BLOWING SAND, OR COMBINATIONS OF THESE.

BLOWING SPRAY: THE "ALL OBSTRUCTIONS TO VISION" CATEGORY ACCOUNTS FOR BLOWING SPRAY, IF AND AS REPORTED.

ALL OBSTRUCTIONS TO VISION: THIS CATEGORY INCLUDES ALL REPORTS OF OBSTRUCTIONS TO VISION. SINCE THE OCCURRENCE OF MORE THAN ONE OBSTRUCTION TO VISION MAY BE REPORTED IN THE SAME OBSERVATION, THE SUM OF THE PERCENTAGES IN THE INDIVIDUAL CATEGORIES MAY EXCEED THE PERCENTAGES IN THIS CATEGORY.

SPECIFIED PHENOMENA -- PERCENT OCCURRENCE FREQUENCY.

THESE TABLES GIVE THE PERCENT OCCURRENCE FREQUENCY (POF) FOR THE ATMOSPHERIC PHENOMENA SHOWN. THE DATA WAS TAKEN FROM HOURLY OBSERVATIONS ONLY, AND IS SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

- SPECIFIED PHENOMENA--PERCENT OCCURRENCE FREQUENCY (POF).
 THIS TABLE IS THE ONLY ONE IN PART A THAT IS PRODUCED FROM SUMMARY OF DAY
 DATA. DATA IS SUMMARIZED MONTHLY AND ANNUALLY FOR ALL YEARS COMBINED.
- THUNDERSTORMS--PERCENT OCCURRENCE FREQUENCY.

 THIS TABLE GIVES THE PERCENT OCCURRENCE FREQUENCY OF THUNDERSTORMS REPORTED ON
 THE HOURLY OBSERVATION. DATA IS SUMMARIZED SAME AS FOR FIRST TABLE IN THIS PART.
- SPECIFIED PHENOMENA VS WIND DIRECTION--PERCENT OCCURRENCE FREQUENCY.
 THESE TABLES INCLUDE SUMMARY OF MONTH FOR ALL HOURS AND YEARS COMBINED. WIND DIRECTION CATEGORIES ARE AS SPECIFIED BY THE LOCAL WEATHER STATION.
- NOTE 1: REPORTING PRACTICES HAVE CHANGED WITH TIME. METAR AND SYNOPTIC REPORTING STATIONS RECORD (ON AWS FORMS 10/10A) AND TRANSMIT LONGLINE ONLY THE HIGHEST ORDER ATMOSPHERIC PHENOMENA THAT AFFECTS VISIBILITY. METAR STATIONS STARTED THIS PROCEDURE IN JANUARY 1968, BUT SYNOPTIC STATIONS ALWAYS DID IT THAT WAY. IN JANUARY 1970, METAR STATIONS STARTED RECORDING ALL ATMOSPHERIC PHENOMENA THAT AFFECTED VISIBILITY, BUT CONTINUED TO TRANSMIT ONLY THE HIGHEST ORDER. FOR EXAMPLE, IF THE RECORDED OBSERVATION INCLUDED RAIN, FOG AND HAZE, ONLY THE RAIN WAS TRANSMITTED. BECAUSE OF THESE PROCEDURES, THE USAFETAC DATABBASE WOULD SHOW ONLY RAIN AS AN OBSTRUCTION. THEREFORE, THE OBSTRUCTION TO VISION (AND TO A LESSER EXTENT, PRECIPITATION) SUMMARIES FOR METAR AND SYNOPTIC STATIONS ARE HIGHLY QUESTIONABLE.
- NOTE 2: FOREIGN METAR REPORTING STATIONS FREQUENTLY DO NOT TRANSMIT OBSTRUCTIONS TO VISION WHEN VISIBILITIES EXCEED 1000 METERS.
- NOTE 3: A VALUE OF ".O" IN ANY SUMMARY REPRESENTS ONE OR MORE OCCURRENCES THAT, IN AGGREGATE, AMOUNT TO LESS THAN .05 PERCENT.

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA FROM HOURLY OBSERVATIONS

SIRITO	NOMBER.	141743		UTC: +		JITE CAN	DING F	CETT TE	MONTH:	JAN	KD. NOV 1	0 - 001 00
HOURS (LST)	•	LIQUID PRECIP		FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02	.2	4.6	•••••	•••••	• • • • • • •	4.6	11.9	.1	•••••	• • • • • • •	16.7	930
03-05	.3	5.3				5.3	14.3	.1			19.7	930
06-08	 	4.2				4.2	19.8	.4			24.4	930
09-11	.4	4.0				4.0	11.7	1.6			17.3	930
12-14	.2	4.7				4.7	6.1	2.5			13.3	930
15-17	.4	4.3				4.3	6.0	3.1			13.4	930
18-20	.5	3.5				3.5	5.7	2.4			11.6	930
21-23	.2	4.5				4.5	7.1	.5			12.2	930
ALL HOURS	.3	4.4		•••••	•••••	4.4	10.3	1.3	•••••		16.1	7440
									MONTH:			
CO-02		4.9			• • • • • • •	4.9	8.7	.8			14.5	849
03-05	.4	5.2				5.2	12.1	.9			18.3	849
06-08	.4	6.1				6.1	20.5	1.4			28.0	849
09-11	.6	6.4				6.4	10.4	2.1			18.8	849
12-14	1.3	6.5				6.5	2.9	.9			10.4	849
15-17	.8	5.4				5.4	2.9	1.2			9.5	849
18-20	.7	6.4				6.4	5.5	3.7			15.5	849
21-23	.5	5.8				5.8	5.2	2.5			13.4	849
ALL HOURS	.6	5.8		•••••	• • • • • • • • • • • • • • • • • • • •	5.8	8.5	1.7			16.1	6792

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA FROM HOURLY OBSEPVATIONS

STATIO			LST TO	UTC: +		JIILE LAF	IDING F	CLIY FL	MONTH:		RD: NOV /	8 - OCT 88
HOURS (LST)	TSTMS		FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02	.8	5.1		• • • • • • •	• • • • • • •	5.1	4.6	1.0	•••••	• • • • • • •	10.6	930
03-05	1.0	4.7				4.7	7.1	1.0			12.8	930
06-08	.6	4.4				4.4	13.5	3.4			21.4	930
09-11	.4	4.3				4.3	3.9	2.3			10.4	930
12-14	1.0	4.8				4.8	1.3	1.2			7.3	930
15 - 17	.8	5.4				5.4	2.5	1.1			8.9	930
18-20	.8	4.9				4.9	3.3	1.3			9.6	930
21-23	.1	4.4				4.4	2.8	•			8.4	93 0
ALL HOURS	.7	4.8		•••••		4.8	4.9	1.5	•••••		11.2	7440
						• •			MONTH:			
00-02	1.0	2.9				2.9		.2			6.3	900
03-05	.3	2.3				2.3	5.9	.9			9.1	900
06-08	.3	2.6				2.6	11.8	3.3			17.7	900
09-11	.9	2.6				2.6	1.3	1.9			5.8	900
12-14	2.2	3.9				3.9	.7	.7			5.2	900
15 - 17 I	2.3	4.6				4.6	1.3	.6			6.4	900
18-20	1.6	3.1				3.1	.6	.9			4.6	900
21-23	1.2	2.9				2.9	.7	.3			3.9	900
ALL HOURS	1.2	3.1				3.1	3.2	1.1	•••••	• • • • • • • • • • • • • • • • • • • •	7.4	7200

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA FROM HOURLY OBSERVATIONS

SIATIO	NORDEK.	141743		UTC: +		DITE LAN	DING .	CLII IL	MONTH:	MAY	RD. NOV	0 00, 00
HOURS (LST)	,	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02	.6	2.3			• • • • • • •	2.3	1.6	.6			4.5	930
03-05	.4	1.6				1.6	4.5	.9			7.0	930
06-08	.5	2.6				2.6	8.3	3.4			14.3	930
09-11	1.0	3.0				3.0	.6	3.2			6.9	930
12-14	4.4	4.5				4.5	.4	1.4			6.3	930
15-17	6.3	4.9				4.9	.2	1.1			6.2	930
18-20	4.5	4.2				4.2	1.1	1.7			7.0	930
21-23	1.1	2.2				2.2	.6	.6			3.4	930
ALL HOURS	2.4	3.2			•••••	3.2	2.2	1.6		JUN	7.0	7440
00-02		1.8				1.8	1.4	1,6			4.8	900
03-05		2.7				2.7	7.2	2.3			12.2	900
06-08	.2	2.3				2.3	8.4	6.0			16.8	900
09-11	1.3	2.4				2.4	.3	2.7			5.4	900
12-14	8.6	5.7				5.7	.1	1.6			7.3	900
15-17	12.4	6.1				6.1		1.8			7.9	900
18-20	7.7	6.7				6.7	.2	1.9			8.8	900
21-23	4.2	4.1				4.1	.2	1.4			5.8	900
ALL HOURS	4.5	4.0				4.0	2.3	2.4			8.6	7200

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: JUL

	LST TO UTC: + 5								MONTH: JUL						
HOURS (TSTMS			FROZEN PRECIP		ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS			
00-02	1.5	.9		•••••		.9	.3	1.3	•••••	• • • • • • • •	2.5	930			
03-05	.3	.2				.2	2.9	3.1			6.2	930			
06-08	1.2	1.5				1.5	6.6	8.5			16.6	930			
09-11	1.6	1.8				1.8	.8	4.7			7.3	930			
12-14	13.2	5.4				5.4	.5	4.8			10.8	930			
15-17	16.2	9.5				9.5	.3	5.1			14.8	930			
18-20	9.4	7.2				7.2	.8	5.8			13.8	930			
21-23	3.2	2.9				2.9	.2	2.6			5.7	930			
ALL HOURS	5.8	3.7				3.7	1.5	4.5			9.7	7440			
									MONTH:						
00-02	1.2	2.3	• • • • • • • • • • • • • • • • • • • •	• • • • • • • •		2.3	1.7	1.6	••••••	• • • • • • •	5.6	930			
03-05	.9	1.5				1.5	4.2	1.6			7.3	930			
06-08	.6	1.2				1.2	7.7	2.8			11.7	930			
09-11	3.1	3.9				3.9	.4	1.3			5.6	930			
12-14	11.0	7.5				7.5	.4	1.1			9.0	930			
15-17	17.4	8.8				8.8	1.4	1.7			11.9	930			
18-20	8.2	8.1				8.1	1.1	3.1			12.3	930			
21-23	1.7	3.8				3.8	.9	2.2			6.8	930			
ALL HOURS	5.5	4.6	• • • • • • • •	•••••		4.6	2.2	1.9			8.8	7440			

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA FROM HOURLY OBSERVATIONS

STATION	NUMBER:		LST TO	UTC: +		JITLE LAN	DING F	CEIY FE	MONTH:		KU: NOV /	8 - 001 88
HOURS (LST)	TSTMS	LIQUID PRECIP	PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02	2.0	3.3		• • • • • • • • • • • • • • • • • • • •	• • • • • • •	3.3	1.1	.8.	• • • • • • • • • • • • • • • • • • • •		5.2	900
03-05	2.0	3.4				3.4	3.6	1.3			8.3	900
06-08	1.3	3.9				3.9	6.4	2.2			12.6	900
09-11	2.6	5.1				5.1	1.2	2.1			8.4	900
12-14	5.6	6.7				6.7	.4	1.0			8.1	900
15-17	7.4	7.4				7.4	.4	1.3			9.2	900
18-20	4.9	8.4				8.4	.4	1.8			10.7	900
21-23	2.3	6.7				6.7	.1	.7			7.4	900
ALL HOURS	•	5.6					1.7	1.4			8.8	7200
		<i></i>							MONTH:			
00-02	1.8	3.5				3.5	2.0	.6			6.2	930
03-05	.9	1.9				1.9	6.5	.6			9.0	930
06-08	.6	2.8				2.8	12.6	1.5			16.9	930
09-11	.2	2.4				2.4	1.9	.8			5.1	930
12-14	.8	3.3				3.3	.4	.2			4.0	930
15-17	2.2	3.7				3.7	.6	.3			4.6	930
18-20	1.7	2.6				2.6	.3	.9			3.8	928
21-23	.5	2.9				2.9	.3	.6			3.9	927
ALL HOURS	1.1	2.9				2.9	3.1	.7			6.7	7435

HOURS |

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4.5

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FELTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5 MONTH: NOV HOURS | TSTMS LIQUID FREEZ FROZEN HAIL ALL FOG SMOKE BLOWING DUST TOTAL ALL (LST) PRECIP PRECIP PRECIP PRECIP &/OR SNOW &/OR OBST NO. OF OBS HAZE SAND TO VSN 00-02 | .3 3.8 4.0 .8 8.6 900 8.0 900 03-05 .4 3.6 3.6 11.6 4.2 12.0 16.8 900 06-08 j .3 4.2 .6 09-11 .4 3.8 3.8 3.2 .6 7.6 900 900 12-14 .9 4.8 4.8 1.0 1.0 6.8 8.3 900 15-17 5.3 5.3 1.3 1.7 .6 18-20 .6 4.8 4.8 2.0 2.0 8.8 900 21-23 j 5.0 5.0 1.9 8.0 900 .6 1.1 ALL HOURS 4.2 1.0 9.5 7200 .5 MONTH: DEC 00-02 4.5 4.5 10.2 .3 15.1 930 03-05 i 19.9 930 .4 4.2 4.2 15.5 .2 930 06-08 . 1 4.6 4.6 19.1 24.4 .6 09-11 3.8 3.8 8.5 1.0 13.2 930 .5 2.7 2.7 930 12-14 2.4 1.4 6.5 930 15-17 1.0 5.7 5.7 2.9 1.0 9.6 .5 930 18-20 j 5,4 5.4 4.8 1.2 11.4 21-23 .2 4.9 4.9 5.4 1.0 11.3 930 ALL

4.5

8.6

.8

13.9

7440

PERCENTAGE FREQUENCY OF VARIOUS ATMOSPHERIC PHENOMENA FROM HOURLY OBSERVATIONS

MONTH }	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
JAN	.3	4.4			• • • • • • •	4.4	10.3	1.3		•••••	16.1	7440
FEB	.6	5.8				5.8	8.5	1.7			16.1	6792
MAR	.7	4.8				4.8	4.9	1.5			11.2	7440
APR	1.2	3.1				3.1	3.2	1.1			7.4	7200
MAY	2.4	3.2				3.2	2.2	1.6			7.0	7440
JUN	4.5	4.0				4.0	2.3	2.4			8.6	7200
JUL	5.8	3.7				3.7	1.5	4.5			9.7	7440
AUG	5.5	4.6				4.6	2.2	1.9			8.8	7440
SEP	3.5	5.6				5.6	1.7	1.4			8.8	7200
ост	1.1	2.9				2.9	3.1	.7			6.7	7435
NOV	.5	4.4				4.4	4.2	1.0			9.5	7200
DEC	.3	4.5				4.5	8.6	.8			13.9	7440
ANNUAL	2.2	4.2				4.2	4.4	1.7			10.3	87667

PERCENTAGE FREQUENCY OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA FROM SUMMARY OF DAY DATA

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL

LST TO UTC: +05

PERIOD OF RECORD: 7803-8810
MONTH: ALL HOURS: ALL

MONTH	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
JAN	4.2	33. 2	• • • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • •	33.2	39.4	9.4	•••••	• • • • • • • •	55.8	310
FEB	7.8	33.2				33.2	39.2	9.9			54.8	283
MAR	9.8	32.0				32.0	28.0	12.0			50.8	325
APR	9.7	23.6			.6	23.6	21.8	10.9			39.4	330
MAY	22.9	31.4			.6	31.4	19.1	9.7			45.2	341
JUN	40.3	44.2				44.2	18.2	11.8			57.0	330
JUL	51.6	41.3				41.3	13.5	16.4			55.7	341
AUG	48.4	47.2			.3	47.2	18.5	8.8			58.9	341
SEP	30.9	50.3				50.3	14.5	5.5			57.3	330
ост	12.6	38.7				38.7	19.4	5.6			52.8	341
NOV	6.7	33.3				33.3	24.7	6.7			48.3	300
DEC	5.2	30.3				30.3	34.8	5.2			51.9	310
ANNUAL	21.4	36.7			.1	36.7	23.9	9.4			52.3	3882

PERCENTAGE FREQUENCY OF OCCURRENCE OF THUNDERSTORMS FROM HOURLY OBSERVATIONS

HOURS (LST)	MAL	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ОСТ	NOV	DEC
00-02	.2		.8	1.0	.6	.7	1.5	1.2	2.0	1.8	.3	• • • • • • • • • • • • • • • • • • • •
03-05	.3	.4	1.0	.3	.4	.7	.3	.9	2.0	.9	.4	.4
06-08]	.4	.6	.3	.5	.2	1.2	.6	1.3	.6	.3	.1
09-11	-4	.6	.4	.9	1.0	1.3	1.6	3.1	2.6	.2	.4	
12-14	.2	1.3	1.0	2.2	4.4	8.6	13.2	11.0	5.6	.8	.9	.5
15-17	.4	.8	.8	2.3	6.3	12.4	16.2	17.4	7.4	2.2	.6	1.0
18-20	.5	.7	.8	1.6	4.5	7.7	9.4	8.2	4.9	1.7	.6	.5
21-23	.2	.5	.1	1.2	1.1	4.2	3.2	1.7	2.3	.5	.6	.2
ALL HOURS	.3	.6	.7	1.2	2.4	4.5	5.8	5.5	3.5	1.1	.5	.3
TOTAL	7440	6792	7440	7200	7440	7200	7440	7440	7200	7435	7200	7440

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: JAN HOURS: ALI

STATION NUMBER	(: /4/74)	LST TO UT	C: + 5	IILE EMBING	recit fe	MONTH: JAN	HOURS: ALL	5 - 001 88
PHENOMENA	CALM	VARIABLE	321 - 360	001 - 090	091 - 180	181 - 270	271 - 320	NO OF OBS
TSTMS		•••••	22.7	9.1	13.6	31.8	22.7	22
LIQUID PRECIP	.3		27.1	14.0	27.4	21.0	10.2	314
FREEZING PRECIP								
FROZEN PRECIP								
FOG	7.6		45.7	8.3	6.8	13.3	18.3	761
FOG WITH VIS GE 1/2 MILES	7.1		47.1	8.2	6.6	12.6	18.4	716
TOTAL OBS	298	0	1696	1023	1174	1530	1719	7440
						MONTH: FEB	HOURS: ALL	
TSTMS		••••••	10.3	20.5	28.2	25.6	15.4	39
ן מזווחנו	a		23.0	27 0	13.7	27.7	11 2	345

					N	IONTH: FEB	HOURS: ALL	
TSTMS	• • • • • • • • • • •		10.3	20.5	28.2	25.6	15.4	39
LIQUID PRECIP	.8		23.0	27.9	13.7	23.3	11.2	365
FREEZING PRECIP								
FROZEN PRECIP								
FOG	5.2		42.1	11.9	5.4	19.3	16.1	579
FOG WITH VIS GE 1/2 MILES	5.0		42.9	12.8	5.7	19.4	14.2	541
TOTAL OBS	106	0	1321	1354	1450	1430	1131	6792

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5 PERIOD OF RECORD: NOV 78 - OCT 88

PHENOMENA	CALM	VARIABLE	321 - 360	001 - 090	091 - 180	181 - 270	271 - 320	NO OF OBS
TSTMS			8.0	12.0	34.0	30.0	16.0	50
LIQUID PRECIP			16.9	24.1	34.5	17.9	6.6	319
FREEZING PRECIP								
FROZEN PRECIP								
FOG	3.9		22.9	26.2	14.1	16.6	16.3	362
FOG WITH VIS GE 1/2 MILES	3.8		23.1	26.9	14.5	16.8	15.0	346
TOTAL OBS	61	0	978	1692	2124	1654	931	7440

					M	IONTH: APR	HOURS: ALL	
TSTMS	•••••	• • • • • • • • • • • • • • • • • • • •	10.1	21.3	29.2	24.7	14.6	89
LIQUID PRECIP			3.0	25.9	38.0	24.7	8.4	166
FREEZING PRECIP								
FROZEN PRECIP								
FOG	6.6		7.0	15.7	12.7	34.9	23.1	229
FOG WITH VIS GE 1/2 MILES	6.7		7.1	15.6	12.9	35.6	22.2	225
TOTAL OBS	86	0	637	1562	2236	1883	796	7200

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5

MONTH: MAY HOURS: ALL

PHENOMNA CALM VARIABLE 321 - 360 001 - 090 091 - 180 181 - 270 271 - 320 TSTMS			LS1 10 0	16: + 3			MONIN: MAI	HOURS: ALL	
LIQUID 2.8 9.7 26.9 37.2 18.6 4.8 PRECIP FREEZING PRECIP FROZEN PRECIP FOG 7.1 9.0 13.5 17.9 27.6 25.0	PHENOMNA	CALM	VARIABLE	321 · 360	001 - 090	091 - 180	181 - 270	271 - 320	NO OF OBS
FREEZING PRECIP FROZEN PRECIP FOG 7.1 9.0 13.5 17.9 27.6 25.0	TSTMS	.6		5.7	23.3	39.2	21.6	9.7	176
PRECIP FROZEN PRECIP FOG 7.1 9.0 13.5 17.9 27.6 25.0		2.8		9.7	26.9	37.2	18.6	4.8	145
PRECIP FOG 7.1 9.0 13.5 17.9 27.6 25.0		1							
		!							
FOG WITH VIS 7.1 9.1 13.6 18.2 26. 25.3	FOG	7.1		9.0	13.5	17.9	27.6	25.0	156
GE 1/2 MILES		7.1		9.1	13.6	18.2	26.	25. 3	154
TOTAL OBS 147 0 407 2205 2900 1290 491	TOTAL OBS	147	0	407	2205	2900	1290	491	7440

					M	NUL : HTMO!	HOURS: ALL	
TSTMS	1.6	•••••	9.6	18.9	38.2	24.2	7.5	322
LIQUID PRECIP	.6		10.1	27.0	34.3	20.2	7.9	178
FREEZING PRECIP								
FROZEN PRECIP								
FOG	11.4		8.9	10.8	19.0	35.4	14.6	158
FOG WITH VIS GE 1/2 MILES	11.0		7.8	11.0	19.5	36.4	14.3	154
TOTAL OBS	219	0	286	1920	2415	1926	434	7200
								<i></i>

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FOLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5 PERIOD OF RECORD: NOV 78 - OCT 88

		131 10 010	U. + J		'	TONTH. JUL	HOOKS. ALL	
PHENOMENA	CALM	VARIABLE	321 - 360	001 - 090	091 - 180	181 - 270	271 - 320	NO OF OBS
TSTMS	.7		6.5	21.7	40.3	20.7	10.1	434
LIQUID PRECIP			4.8	21.1	36.7	30.6	6.8	147
FREEZING PRECIP								
FROZEN PRECIP								
FOG	8.9		10.7	17.0	8.0	38.4	17.0	112
FOG WITH VIS GE 1/2 MILES	9.1		10.9	17.3	7.3	38.2	17.3	110
TOTAL OBS	166	0	261	1431	2955	2232	395	7440

					M	IONTH: AUG	HOURS: ALL	
1STMS	1.7		9.0	18.8	36.1	26.3	8.0	410
LIQUID PRECIP	1.3		5.3	16.8	42.0	30.5	4.0	226
FREEZING PRECIP								
FROZEN PRECIP								
FOG	27.0		8.6	12.3	8.0	28.8	15.3	163
FOG WITH VIS GE 1/2 MILES	27.0		8.6	12.3	8.0	28.8	15.3	163
TOTAL OBS	565	0	334	1766	2526	1823	426	7440

OPERATING LOCATION "A" USAFETAC, ASHEVILLE NC PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88

MONTH: SEP HOURS: ALL

LST TO UTC: + 5	
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PHENOMENA	CALM	VARIABLE	321 - 360	001 - 090	091 - 180	181 - 270	271 - 320	NO OF OBS
TSTMS	6.3		8.7	32.4	22.9	21.3	8.3	253
LIQUID PRECIP	1.9		5.9	37.5	20.7	28.5	5.6	323
FREEZING PRECIP								
FROZEN PRECIP								
FOG	17.0		13.4	14.3	10.7	24.1	20.5	112
FOG WITH VIS GE 1/2 MILES	17.0		13.4	14.3	10.7	24.1	20.5	112
TOTAL OBS	 544	0	506	2931	1767	1021	431	7200

					м	ONTH: OCT	HOURS: ALL	
TSTMS	2.5	• • • • • • • • • • • •	9.9	19.8	40.7	14.8	12.3	81
LIQUID PRECIP	2.2		18.9	51.4	16.8	7.0	3.8	185
FREEZING PRECIP								
FROZEN PRECIP								
FOG	13.5		19.6	8.7	7.8	13.9	36.5	230
FOG WITH VIS GE 1/2 MILES	13.8		19.6	8.9	8.0	14.2	35.6	225
TOTAL OBS	361	0	890	3411	1305	733	735	7435

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 76 - OCT 88 MONTH: NOV HOURS: ALL LST TO UTC: + 5 PHENOMENA | CALM VARIABLE 321 - 360 001 - 090 091 - 180 181 - 270 271 - 320 NO OF OBS 8.1 TSTMS 35.1 32.4 21.6 2.7 37 15.0 40.2 21.3 11.6 8.3 301 LIQUID 3.7 PRECIP FREEZING PRECIP FROZEN PRECIP 21.7 10.3 22.3 31.3 FOG 7.7 6.7 300 FOG WITH VIS 6.7 8.6 21.6 11.2 22.7 29.4 269 GE 1/2 MILES TOTAL OBS | 271 0 1177 2119 2119 1653 870 1110 MONTH: DEC HOURS: ALL TSTMS | 11.5 26.9 15.4 7.7 TSTMS 38.5 26 27.6 22.4 17.9 7.9 330 LIQUID 1.5 22.7 PRECIP FREEZING PRECIP FROZEN PRECIP 16. FOG 7.7 33.2 10.2 11.6 20.6 636 FOG WITH VIS 7.2 12.1 15.6 19.5 35.1 10.4 569 GE 1/2 MILES | 1579 TOTAL OBS | 274 0 1458 1558 1284 1287

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 STATION NUMBER: 747945 LST TO UTC: + 5 MONTHS: ALL PHENOMENA | CALM VARIABLE 321 - 360 001 - 090 091 - 180 181 - 270 271 - 320 NO OF OBS 9.5 1939 8.5 21.8 35.2 23.3 TSTMS 1.8 LIQUID 1.3 15.1 28.3 27.0 20.8 7.5 2999 PRECIP FREEZING PRECIP FROZEN PRECIP FOG 8.5 28.5 12.4 9.7 20.4 20.6 3798 FOG WITH VIS 8.4 28.9 12.8 9.8 20.3 19.8 3584 GE 1/2 MILES TOTAL OBS | 3098 0 9951 22972 24084 17676 9886 8766 87667

PPPPPPPP PPPPPPPPP		AAA	AAA	RRRR	RRRR	111111111	88888888 88888888		
		AAAA	AAAA	RRRR	RRRRR	TITTTTTTT			
PP	PP	AA	AA	RR	RR	TT	ВВ	BB	
PP	PP	AA	AA	RR	RR	TT	BB	BB	
PPPPPPPP		AA	AA	RRRR	RRRRR	TT	888888888		
PPPPP	PPPPPPP AAAAAAAAA		AAAAA	RRRR	RRRR	77	888888888		
PP		AAAAA	AAAA	RR	RR	ΤΤ	ВВ	BB	
PP		AA	AA	RR	RR	TT	BB	BB	
PP	PP AA		AA AA		RR	TT	88888888		
PP		AA	AA	RR	RR	TT	BBBBBB		

PRECIPITATION, SNOWFALL, SNOW DEPTH SUMMARIES

ALL TABLES IN PART B ARE CREATED FROM SUMMARY OF DAY (SOD) DATA.

PERCENT OCCURRENCE FREQUENCY.

THESE TABLES GIVE THE PERCENT OCCURRENCE FREQUENCY OF PRECIPITATION, SNOWFALL AND SNOW DEPTH. DATA IS SUMMARIZED FOR ALL YEARS COMBINED. SUMMARIES INCLUDE THE PERCENT OF DAYS WITH MEASURABLE AMOUNTS, PERCENT OF DAYS WITH NO AMOUNTS, PERCENT OF DAYS WITH TRACES, AND PERCENT OF DAYS WITH SPECIFIED AMOUNTS. SUMMARIES ALSO PROVIDE AN OBSERVATION COUNT. A VALUE OF ".O" INDICATES ONE OR MORE OCCURRENCES THAT, IN AGGREGATE, AMOUNT TO LESS THAN .05 PERCENT.

MONTHLY TOTALS.

THESE TABLES GIVE THE TOTAL MONTHLY PRECIPITATION AND SNOWFALL RESPECTIVELY.

THEY ARE SUMMARIZED BY MONTH FOR ALL YEARS. THE TABLES ALSO GIVE THE GREATEST AMOUNTS, LEAST AMOUNTS, MEAN, MEDIAN, STANDARD DEVIATIONS, AND TOTAL AVAILABLE OBSERVATIONS. AN ASTERISK (*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS. INCOMPLETE MONTHS/YEARS ARE NOT INCLUDED IN STATISTICAL COMPUTATIONS. NOTE: LEAST AMOUNTS ARE DERIVED FROM COMPLETE MONTHS/YEARS ONLY. ".00" MEANS NO PRECIPITATION FOR THE MONTH, ".0" MEANS NO SNOWFALL FOR THE MONTH.

DAILY EXTREMES.

THESE TABLES GIVE THE MAXIMUM DAILY REPORTED AMOUNTS (BY INDIVIDUAL YEARMONTH) FOR PRECIPITATION, SNOWFALL, AND SNOW DEPTH, RESPECTIVELY. THEY SHOW THE GREATEST AMOUNTS FOR EACH MONTH AND THE TOTAL NUMBER OF AVAILABLE OBSERVATIONS FOR EACH MONTH AND YEAR. AN ASTERISK (*) INDICATES A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS. ".00" MEANS NO PRECIPITATION FOR THE MONTH, ".0" MEANS NO SNOW DEPTH FOR THE MONTH.

SNOWFALL/SNOW DEPTH--FIRST AND LAST DAYS OF OCCURRENCE BY SNOW YEAR.

THIS SUMMARY GIVES THE FIRST AND LAST OCCURRENCES OF SNOWFALL AND SNOW DEPTH FOR THE SNOW-YEAR DURING THE PERIOD OF RECORD. FOR THIS SUMMARY, THE SNOW-YEAR IS CONSIDERED TO RUN FROM 1 AUGUST TO 31 JULY. TABLES SUMMARIZE THE DATA BY SNOW-YEAR, BY MONTH, AND BY DAY. THE FIRST (OR LAST) ENTRY IN COLUMN 69 OF AWS FORMS 10/10A (OR EQUIVALENT) AS EITHER A TRACE OR A MEASURABLE AMOUNT DEFINES THE FIRST (OR LAST) SNOWFALL FOR THE THE YEAR. THE FIRST (OR LAST) ENTRY IN COLUMN 69 OTHER THAN ".0" OR "TRACE" DEFINES THE FIRST (OR LAST) MEASURABLE SNOWFALL. FINALLY, THE 1200 GMT ENTRY COLUMN 70 OF AWS FORM 10/10A (OR EQUIVALENT) DEFINES THE FIRST (OR LAST) OCCURRENCE OF SNOW DEPTH. THE LAST SNOW DEPTH IS CONSIDERED THE LAST SNOW MELT. THIS SUMMARY IS NOT PROVIDED WHEN NO SNOWFALL OCCURS DURING THE GIVEN POR.

B - 1 - 2

- NOTE 1. IF THE MINIMUM AMOUNT RECORDED IN THE MONTHLY TOTALS OR DAILY EXTREMES IS A TRACE, THE WORD "TRACE" WILL APPEAR IN THE APPROPRIATE COLUMN.
- NOTE 2. TABLES INCLUDE STATISTICAL DATA ONLY WHEN FIVE (5) OR MORE SETS OF COMPLETE MONTHS ARE AVAILABLE.
- NOTE 3. THE OBSERVATION COUNTS OR THE STATION HISTORY MIGHT PROVIDE CLUES AS TO WHY CERTAIN DATA ARE MISSING. FOR EXAMPLE, ONLY A FEW MISSING OBSERVATIONS MIGHT IMPLY MISSING DATA BECAUSE OF EQUIPMENT MALFUNCTION, BUT MORE THAN SEVERAL MISSING OBSERVATIONS USUALLY MEANS THE STATION IS (OR HAS BEEN) CLOSED.
- NOTE 4. IN DAILY AND MONTHLY AMOUNTS SUMMARIES, THE LAST ENTRY ON THE PAGE GIVES THE GREATEST AMOUNT FOR THE PERIOD OF RECORD.
- NOTE 5. BEFORE JANUARY 1956, SNOWFALL OCCURRENCES IN THE SUMMARY OF DAY INCLUDED HAIL.
- NOTE 6. SNOW DEPTH REPORTING TIMES FOR USAF, NAVY AND CIVIL STATIONS ARE AS FOLLOWS:

AIR FORCE NAVY AND NATIONAL WEATHER SERVICE
THROUGH 1945: 0800 LST THROUGH JUN 1952: 0030 GMT

JAN 1946 TO MAY 1957: 1230 LST JUN 1952 TO MAY 1957: 1230 GMT

JUN 1957 TO PRESENT: 1200 GMT JUN 1957 TO PRESENT: 1200 GMT

CONVERSIONS:

- 1 INCH = 25.39998 MILLIMETERS
- 1 MILLIMETER = .03937 INCHES

PERCENTAGE FREQUENCY OF OCCURRENCE OF PRECIPITATION IN INCHES FROM SUMMARY OF DAY DATA

		LST	TO UTC:	+05					MONTH	: ALL	HOURS:	NLL	
AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ост	NOV	DEC	ANN
NONE	66.8	66.8	67.4	76.4	68.3	55.2	58.1	52.8	49.1	60.7	66.3	69.4	62.9
TRACE	11.3	6.0	9.8	5.5	6.5	7.9	7.0	9.4	9.1	9.4	6.3	5.8	7.9
.01	3.9	2.1	1.8	3.0	2.1	1.8	2.3	1.8	2.7	3.5	3.7	3.2	2.7
.0205	3.5	3.9	3.7	4.2	3.5	7.3	3.5	6.7	7.9	6.7	5.7	6.1	5.3
.0610	2.3	3.2	2.5	1.5	2.6	4.8	4.1	5.6	3.6	3.5	4.0	3.5	3.5
.1125	4.2	6.4	4.0	2.4	5.9	7.0	5.6	5.0	7.9	5.0	3.0	3.5	5.0
.2650	2.9	4.6	2.5	2.4	5.3	4.8	5.9	6.2	6.4	5.3	3.0	2.9	4.4
.51-1.00	3.2	3.5	5.8	3.0	2.9	6.1	7.6	6.7	7.0	2.9	4.0	2.6	4.7
1.01-2.50	1.3	3.5	1.8	.9	2.9	4.8	5.3	5.6	5.5	2.9	3.3	2.6	3.4
2.51-5.00	1 .6		.6	.3		.3	.6	.3	.6		.3	.3	.3
5.01-10.00	 			.3					.3		.3		.1
10.01-20.00	1												
OVER 20.00	1												
•••••					•••••	• • • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • •		•••••	•••••	• • • • • • • • •
DAYS WITH MEAS AMTS	21.9	27.2	22.8	18.2	25.2	37.0	34.9	37.8	41.8	29.9	27.3	24.8	29.2
TOTAL NO. OF OBSERVATIONS	310	283	325	330	341	330	341	341	330	341	300	310	3882

TOTAL MONTHLY PRECIPITATION AMOUNTS IN INCHES FROM SUMMARY OF DAY DATA

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: 7803-8810 LST TO UTC: +05 MONTH: ALL HOURS: ALL

		L	וט סז זצ.	TC: +05					MON	ITH: ALL	HOURS	: ALL	
YEAR	, JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ОСТ	NOV	DEC	ANNUAL
78	 		.43*	.04	3.05	8.85	12.79	1.14	3.30	4.41	.64	3.48	38.13*
79 80	6.94	1.26 2.94	1.35 1.26	.74 2.11	5.01 4.22	4.56 2.70	3.46 6.68	9.09 3.05	14.71 3.16	3.14 2.07	4.55 4.33	.83 1.95	55.64 36.76
81	1 .06	3.96	1.97	.17	1.18	4.85	6.39	5.45	5.57	4.14	3.44	2.83	40.01
82	1.57	1.76	4.30	7.82	4.53	5.24	8.59	2.85	11.22	1.16	1.97	3.84	54.85
83	3.12	7.84	4.17	4.61	1,80	7.53	2.35	4.91	2.57	6.00	1.46	5.85	52.21
84	1.72	4.06	1.07	3.65	3.57	2.20	7.22	4.76	6.69	.53	8.72	.30	44.49
85	.09	.70	3.26	4.16	4.13	5.06	4.71	10.06	8.44	5.02	2.73	2.72	51.08
86	7.08	2.09	1.85	.48	1.75	2.49	5.60	5.32	2.09	1.42	.17	3.95	34.29
87	.96	2.47	8.54	.94	2.56	4.96	4.21	3.25	9.82	3.48	10.82	.47	52.48
88	2.48	1.77	5.03	1.99	2.09	5.62	7.48	7.38	2.90	3.15			39.89*
•••••	 									•••••			•••••
LEAST	.06	.70	1.07	.04	1.18	2.20	2.35	1.14	2.09	.53	.17	.30	34.29
GREATEST	7.08	7.84	8.54	7.82	5.01	8.85	12.79	10.06	14.71	6.00	10.82	5.85	55.64
MEAN	2.63	2.88	3.28	2.43	3.08	4.91	6.32	5.20	6.41	3.14	3.88	2.62	46.87
MEDIAN	2.01	2.28	2.62	1.99	3.05	4.96	6.39	4.91	5.57	3.15	3.09	2.78	51.08
SD	2.507	2.050	2.334	2.414	1,294	2.031	2.843	2.726	4.178	1.711	3.456	1.768	8.151
TOTAL OBS	310	283	325	330	341	330	341	341	330	341	300	310	3882
					• • • • • • • • •			•••••		• • • • • • • • •	• • • • • • • •		•••••

THE GREATEST VALUE OF 14.71 OCCURRED ON 09/79

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

EXTREME DAILY PRECIPITATION AMOUNTS IN INCHES FROM SUMMARY OF DAY DATA

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: 7803-8810 LST TO UTC: +05 MONTH: ALL HOURS: ALL YEAR | JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC ANNUAL 3.09 3.09* 1.02 2.16 .03 78 1.45 2.48 .43 1.67 1.97 4.55 .95 .43 1.49 2.27 1.36 3.60 1.23 1.75 .38 4.55 1.80 1.03 80 1.07 1.50 .80 1.43 2.14 1.34 2.50 1.09 .90 .88 2.50 81 .05 2.22 .96 2.13 3.30 2.13 2.11 1.64 2.11 1.12 3.30 .55 .70 1.45 5.13 1.39 2.39 2.45 .83 5.31 .75 1.36 5.31 82 .74 .91 1.53 2.76 .68 1.03 1.27 .95 1.78 .54 2.76 83 1.89 1.05 1.76 .53 1.02 . 38 2.15 2.42 .64 2.76 1.26 2.11 .29 3.20 .12 3.20 85 .07 .40 3.03 3.57 1.59 1.05 1.10 1.45 2.13 1.55 1.97 3.57 .95 86 4.14 .56 . 25 1.06 2.41 1.13 .69 .88 .09 1.95 4.14 87 1.01 2.54 .65 1.76 1.60 1.46 1.42 1.83 1.84 5.12 .34 5.12 .42 2.31 .70 1.98 2.89 1.10 .74 1.55 2.89* 88 .71 1.36 .73

						· · · · · · · · ·							• • • • • • • •
GREATEST	4.55	2.22	3.03	5.13	2.42	3.09	3.30	2.89	5.31	2.31	5.12	2.76	5.31
· · · · · · · · · · · · · · · · · · ·					• • • • • • •								
TOTAL OBS	310	283	325	330	341	330	341	341	330	341	300	310	3882

THE GREATEST VALUE OF 5.31 OCCURRED ON 09/09/82

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOWFALL IN INCHES FROM SUMMARY OF DAY DATA

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: 7803-8810 MONTH: ALL HOURS: ALL

LST TO UC: +05								MONTH: ALL HOURS: ALL					
AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ОСТ	NOV	DEC	ANN
NONE	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
TRACE													
0.1-0.4	ļ												
0.5-1.4	ļ												
1.5-2.4	ļ												
2.5-3.4	[]												
3.5-4.4	<u> </u>												
4.5-6.4	<u> </u>												
6.5-10.4	! !												
10.5-15.4	! !												
15.5-25.4	 												
25.5-50.4] 												
OVER 50.4	 												
	· · · · · · · · · · · · · · · · · · ·	•••••	• • • • • • • •	•••••				• • • • • • • •	• • • • • • • •	•••••	••••••		
DAYS WITH MEAS AMTS	! !												
TOTAL NO. OF OBSERVATIONS	 310	283	325	330	341	330	341	341	330	341	300	310	3882

TOTAL MONTHLY SNOWFALL AMOUNTS IN INCHES FROM SUMMARY OF DAY DATA

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: 7803-8810 LST TO UTC: +05 MONTH: ALL HOURS: ALL

		L	31 10 010	.: +05					MONI	n: ALL	HOURS:	ALL	
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ост	NOV	DEC	ANNUAL
78	· · · · · · · · · · · · · · · · · · ·	• • • • • • •	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0*
79	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
80	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
81	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
82	0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
83	0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
84	0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
85	.0	.0	.0	.0	.0	.0	-0	.0	.0	.0	.0	.0	.0
86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87	0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
88	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0			.0*
1			•••••						•••••	•••••			
LEAST	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
GREATEST	.0	٠.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
MEAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
MEDIAN	.5	.0	.0	.0	.0	.0	.0	.0	٥.	.0	.0	.0	.0
SD	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
TOTAL OBS	310	283	325	33 0	341	330	341	341	330	341	300	310	3882
													

THE GREATEST VALUE OF .0 OCCURRED ON 03/78

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

EXTREME DAILY SNOWFALL AMOUNTS IN INCHES FROM SUMMARY OF DAY DATA

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: 7803-8810 LST TO UTC: +05 MONTH: ALL HOURS: ALL

		LS	,, ,, ,,,	405					HON I	H: ALL	nouks:	ALL	
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ост	NOV	DEC	ANNUAL
78		• • • • • • •	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0*
79	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
80	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
81	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
82	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
83	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
84	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
85	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87 j	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
88	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0			.0*
GREATEST		0	0	.0	.0	.0	0		0	.0	0	.0	0
TOTAL OBS	310	283	325	330	341	330	341	341	330	341	300	310	3882

THE GREATEST VALUE OF .0 OCCURRED ON 03/17/78

NOTE: "THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOW DEPTH IN INCHES FROM SUMMARY OF DAY DATA

STATION NUMBER:	747945		ION NAME TO UTC:		SHUTTLE	LANDING	FCLTY FI	-			CORD: 780 HOURS: A		
AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ОСТ	NOV	DEC	ANN
NONE	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
TRACE													
1													
2													
3													
4-6													
7-12													
13-24													
25-36													
37-48													
49-60													
61-120													
OVER 120													
	• • • • • • • • • •		• • • • • • •		• • • • • • • •	• • • • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • • •		• • • • • • • • • • • • • • • • • • • •
DAYS WITH MEAS AMTS													
TOTAL NO. OF OBSERVATIONS	310	283	325	330	341	330	341	341	330	341	300	310	3882

EXTREME DAILY SNOW DEPTH AMOUNTS IN INCHES FROM SUMMARY OF DAY DATA

STATION NUM	MBER: 74794		ATION NA T TO UTC		SHUTTLE	ELANDING	FCLTY	FL		OD OF RE	CORD: 78	803-8810 ALL	
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ОСТ	NOV	DEC	ANNUAL
78			0*	0	0	0	0	0	0	0	0	0	0*
79	0	0	0	0	0	0	0	0	0	0	0	0	0
80	0 	0	0	0	0	0	0	0	0	0	0	0	0
81	j o	0	0	0	0	0	0	0	0	0	0	0	0
82	0	0	0	0	0	0	0	0	0	0	0	0	0
83	0	0	0	0	0	0	0	0	0	0	0	0	0
84	0	0	0	0	0	0	0	0	0	0	0	0	0
85) 0 I	0	0	0	0	0	0	0	0	0	0	0	0
86	ا	0	0	0	0	0	0	0	0	0	0	0	0
87	0	0	0	0	0	0	0	0	0	0	0	0	0
88	0	0	0	0	0	0	0	0	0	0			0*
GREATEST) 	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL OBS	310	283	325	330	341	330	341	341	330	341	300	310	3882

THE GREATEST VALUE OF 0 OCCURRED ON 03/17/78

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

PPPPP	РРР	AAA	AAA	RRRR	RRRR	TITTTTTTT	ccc	CCC
PPPPP	РРРР	AAAA	AAAA	RRRR	RRRRR	111111111	CCCC	CCCC
PP	PP	AA	AA	RŘ	RR	TT	CC	CC
PP	PP	AA	AA	RR	RR	TT	CC	
PPPPP	PPPP	AA	AA	RRRR	RRRRR	TT	CC	
PPPPP	PPP	AAAAA	AAAAA	RRRR	RRRR	ŢŢ	CC	
PP		AAAAA	AAAA	RR	RR	ΤΤ	CC	
PP		AA	AA	RR	RR	TT	CC	CC
PP		AA	AA	RR	RR	ΤŤ	ccco	CCCC
PP		AA	AA	RR	RR	TT	cco	CCC

PART C

SURFACE WIND SUMMARIES

PEAK WINDS.

THESE TABLES ARE CREATED FROM SUMMARY OF DAY DATA. SPEEDS ARE IN KNOTS. DIRECTIONS ARE TO 16 COMPASS POINTS FROM THE BEGINNING OF PERIOD OF RECORD THROUGH JUNE 1968, BUT IN JULY 1968, ALL STATIONS EXCEPT THOSE OF THE NATIONAL WEATHER SERVICE STARTED RECORDING DIRECTIONS IN TENS OF DEGREES. DATA IS SUMMARIZED BY MONTH FOR EACH YEAR FOR THE ENTIRE PERIOD OF RECORD AVAILABLE. GIVEN: THE GREATEST MONTHLY VALUE FOR ALL YEARS COMBINED, THE GREATEST YEARLY VALUE FOR ALL YEARS COMBINED, AND THE DATE OF THE ABSOLUTE PEAK WIND RECORDED FOR THE ENTIRE PERIOD OF RECORD. AN ASTERISK (*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS.

PEAK WINDS--PERCENT OCCURRENCE FREQUENCY.

ALSO FROM SUMMARY OF DAY DATA. DATA IS SUMMARIZED BY MONTH, FOR ALL YEARS COMBINED, FOR ELEVEN WIND SPEED GROUPS. THE 1-4 KNOT SPEED GROUP INCLUDES CALM WINDS. IF THE PEAK WIND IS REPORTED FOR A PARTICULAR DAY AS "CALM," THAT COUNT GOES INTO THE "1-4 KNOT" CATEGORY. TABLES INCLUDE MEANS, MEDIANS, AND TOTAL OBSERVATION COUNTS. THE VALUES IN THIS SUMMARY ACCOUNT FOR A PEAK WIND BEING RECORDED FOR EACH DAY OF EACH MONTH.

WIND DIRECTION VS WIND SPEED--PERCENT OCCURRENCE FREQUENCY.
THESE TABLES ARE CREATED FROM HOURLY OBSERVATIONS. THEY SUMMARIZE
THE DATA AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

THESE TABLES GIVE A BIVARIATE DISTRIBUTION OF THE PERCENT OCCURRENCE FREQUENCY (POF) FOR ELEVEN WIND SPEED GROUPS VERSUS TWELVE WIND DIRECTION SECTORS GIVEN IN 30 DEGREE INCREMENTS. "CALM" AND "VARIABLE" WINDS ARE GIVEN SEPARATELY. CARDINAL WIND DIRECTIONS (N,E,S,W) APPEAR FOR REFERENCE. TOTAL PERCENTAGES, MEANS, AND MEDIANS FOR EACH SECTOR, ALONG WITH TOTAL OBSERVATION COUNTS, ARE PRINTED BELOW EACH SUMMARY.

ALSO PROVIDED: A BIVARIATE DISTRIBUTION OF WIND DIRECTION VERSUS WIND SPEED FOR SPECIFIED CEILING/VISIBILITY CONDITIONS. THESE CONDITIONS ARE:

WHEN THE VISIBILITY IS GREATER THAN OR EQUAL TO 1/2 MILES (0800 METERS) THE CEILING MUST BE GREATER THAN OR EQUAL TO 200 FEET BUT LESS THAN 1500 FEET. IF THIS CONDITION IS NOT MET, THEN THE FOLLOWING CONDITION IS TESED: WHEN THE CEILING IS GREATER THAN OR EQUAL TO 200 FEET, THE VISIBILITY MUST BE GREATER THAN OR EQUAL TO 1/2 (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS).

CONVERSION: 1 KNOT = .514791 METERS PER SECOND

C - 1 - 2

PEAK SURFACE WINDS IN KNOTS FROM SUMMARY OF DAY DATA

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: 7803-8810 LST TO UTC: +05 MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ОСТ	NOV	DEC	ANN
78		• • • • • • • •	03/*26	30/ 35	19/ 40	30/ 42	22/ 44	28/ 26	02/ 29	05/ 28	31/ 27	22/ 38	22/*44
79	26/ 45	34/ 34	26/ 36	11/ 30	03/ 31	03/ 29	21/ 33	26/ 40	09/67	27/ 29	02/ 28	26/ 33	09/67
80	16/ 32	24/ 35	27/ 42	26/ 37	31/ 41	22/ 42	22/5	20/ 31	04/ 21	02/ 21	22/ 23	36/ 25	22/ 50
81	34/ 26	01/ 32	29/ 40	34/ 29	28/ 40	28/ 38	17/ 42	17/ 33	31/ 30	35/ 34	08/ 32	24/ 32	17/ 42
82	28/ 44	25/ 33	20/ 39	27/ 46	22/ 33	16/ 45	27/ 43	20/ 41	31/ 32	03/ 40	35/ 28	12/ 26	27/ 46
83	11/37	07/ 41	16/ 43	28/ 38	32/ 46	22/ 36	33/ 37	28/ 30	15/ 33	27/ 30	11/ 42	30/ 35	32/ 46
84	27/45	29/ 42	26/ 44	25/ 36	19/ 29	23/ 37	24/ 50	23/ 45	11/ 40	36/ 25	34/ 40	28/ 26	24/ 50
85	27/ 30	28/ 35	06/ 32	15/ 31	28/ 36	29/ 48	22/ 37	09/ 36	17/ 48	23/ 47	18/ 32	30/ 28	29/ 48
86	29/ 42	34/ 33	29/ 46	26/ 28	28/ 31	19/ 29	30/ 36	21/ 43	12/ 27	04/ 25	02/ 28	26/ 28	29/ 46
87	33/ 38	16/ 28	07/ 35	27/ 31	19/ 24	30/ 45	36/ 35	21/ 26	22/ 26	35/ 32	30/ 33	27/ 32	30/ 45
88	03/ 35	33/ 34	27/ 34	36/ 40	17/ 40	16/ 27	34/ 36	12/ 44	15/ 32	31/ 45			31/*45
GREATEST	26/ 45	29/ 42	29/ 46	27/ 46	32/ 46	29/ 48	22/ 50	23/ 45	09/67	23/ 47	11/ 42	22/ 38	09/ 67

THE PEAK WIND OF 67 FROM 09/ OCCURRED ON 09/03/79

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF DATA AVAILABLE FOR THE MONTH \$THE VALUE IS 100 OR GREATER WITH LESS THAN 90% OF DATA AVAILABLE FOR THE MONTH

TOTAL OBS | 308 282 322 330 340 329 341 341 329 340 298 309 3869

PERCENTAGE FREQUENCY OF OCCURRENCE OF DAILY PEAK WINDS FROM SUMMARY OF DAY DATA

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: 7803-8810 LST TO UTC: +05 MONTH: ALL HOURS: ALL

	 1	•••••	•••••	• • • • • • • •	•••••	WIND	SPEEDS	IN KNO	 TS	• • • • • • • •	• • • • • • •	• • • • • • •	MEAN !	MEDIAN	TOTAL
MONTH	וֹן	CALM-4	5-9	10-14	15-19	20-24	25-29	30-34	35 - 39	40-49	50-64	GE 65	WIND	WIND	OBS
JAN	۱ ار	.3	4.9	22.7	26.6	21.4	16.6	2.9	2.6	1.9	.0	.0	19.5	19.0	308
FEB		.0	3.2	18.1	24.5	26.2	18.4	7.1	1.8	.7	.0	.0	20.6	20.5	282
MAR	1	.0	1.6	13.0	28.6	26.7	15.5	9.0	3.7	1.9	.0	.0	21.6	20.0	322
APR	ļ	.0	2.4	12.1	34.8	28.8	13.9	5.5	1.8	.6	.0	.0	20.3	20.0	330
MAY]],	.0	2.9	10.9	44.1	25.9	11.2	2.4	1.2	1.5	.0	.0	19.4	19.0	340
JUN	ĺ	.0	4.0	20.4	41.6	18.2	8.8	2.1	2.7	2.1	.0	.0	18.8	18.0	329
JUL	ı,	.0	2.9	19.6	32.6	19.1	12.0	5.6	4.7	2.9	.6	.0	20.5	18.0	341
AUG	Į.	.3	7.9	20.8	37.8	16.4	9.4	3.5	2.1	1.8	.0	.0	18.3	17.0	341
SEP	1	.0	8.2	26.1	31.9	19.5	9.1	3.6	.3	.6	.3	.3	17.7	17.0	329
OCT	[.0	5.3	24.7	31.8	24.1	11.2	2.1	.0	.9	.0	.0	18.0	17.5	340
NOV	1	.0	6.0	24.8	31.5	22.5	11.4	2.7	.0	1.0	.0	.0	17.8	17.0	298
DEC		.0	8.1	25.9	30.4	20.7	11.3	2.9	.6	.0	.0	.0	17.6	17.0	309
	-														
ANNUAL	1	.1	4.8	19.9	33.2	22.4	12.3	4.1	1.8	1.3	.1	.0	19.2	18.0	3869

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88

LST TO UTC: + 5 MONTH: JAN HOURS: 00-02

••••	• • • • • • •	• • • • • •			WIND S	SPEED IN	KNOTS	• • • • • •	• • • • • • •		• • • • • • •	• • • • • •	• • • • • •	•••••
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19		25-29		35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.8	4.4	2.3	.1		• • • • • • •	•••••	• • • • • • •		• • • • • • •	• • • • • • •	8.6	7.3	7.0
020-040	1.6	1.7	.3									3.7	5.0	5.0
050-070	1.2	.3	.8									2.3	6.5	4.0
(E) 080-100	1.4	1.4	.3									3.1	5.3	5.0
110-130	1.0	2.5	.1	.2	.1							3.9	6.5	5.0
140 - 160	1.3	1.6										2.9	5.4	5.0
(S) 170-190	4.2	3.1	1.6	.2	.3	.1						9.6	6.6	5.0
200-220	3.3	3.3	1.0									7.6	5.8	6.0
230-250	1.5	2.0	.5									4.1	6.0	6.5
(W) 260-280	3.8	6.7	1.2	.1								11.7	5.9	6.0
290-310	8.0	7.0	3.4	.5								18.9	6.2	5.0
320-340	6.0	7.8	3.5	.9								18.3	7.0	6.0
VARIABLE	! 		•••••	•••••	•••••		•••••	•••••	• • • • • • • •	• • • • • •		•••••	• • • • • • •	•••••
CALM	1111111	//////	//////	//////	//////	///////	/////	//////	///////	(111111	///////	5.4	//////	/////
TOTALS	35.1	41.8	15.0	2.0	.4	.1						100.0	6.0	6.0
			TO	TAI NIIM	DED OF	ORSERVA	TIONS	030						

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5 MONTH: JAN HOURS: 03-05

		LS	T TO UT	C: + 5					MONTH	: JAN	HOUR	s: 03-05	•	
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19		SPEED IN 25-29		35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	3.2	4.1	1.7	• • • • • •	•••••	•••••	• • • • • •	•••••	•••••	•••••	• • • • • • •	9.0	6.2	6.0
020-040	1.4	1.3	.1									2.8	5.2	4.5
050-070	.6	.2	.2									1.1	5.0	3.0
(E) 080-100	.9	1.3	1.0									3.1	7.6	7.0
110-130	1.0	1.4	.4	.1	.1							3.0	6.7	6.0
140-160	1.5	1.6	.2									3.3	4.6	5.0
(S) 170-190	2.4	3.9	1.8	.8	.1	.1						9.0	8.3	7.5
200-220	2.0	2.9	.3									5.3	5.2	5.0
230-250	2.4	3.1	.1									5.6	4.8	5.0
(W) 260-280	5.3	4.2	.8	.2								10.4	5.3	4.0
290-310	7.3	6.9	3.0	.1								17.3	6.1	5.0
320-340	7.1	11.4	5.6	.4								24.5	6.9	7.0
VARIABLE	: !	• • • • • •	•••••			• • • • • • • •					• • • • • • • •	• • • • • •		
CALM	1111111	//////	//////	//////	//////	'//////	//////	///////	///////	//////	((((((5.5	//////	//////
TOTALS	35.1	42.3	15.2	1.6	.2	.1						100.0	5.9	6.0
			то	TAL NUM	BER OF	OBSERVA	TIONS	93 0						

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88

MONTH: JAN HOURS: 06-08

ST	TO UTC: +	5	MONTH:	JAN	HOURS
				•/	

•••••	• • • • • • • •		• • • • • •		WIND S	PEED IN	KNOTS	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • • • •		•••••
DIRECTION (DEGREES)	1 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35 - 39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.9	5.5	1.7			•••••	•••••	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	9.1	6.5	6.0
020-040	.5	1.3	-1									1.9	6.3	7.5
050-070	1.3	.4	.1									1.8	3.8	4.0
(E) 080·100	1.5	1.4	.4									3.3	5.9	5.0
110-130	1.5	1.3	. 1	.3								3.2	5.8	5.0
140 - 160	1.4	2.8	.3									4.5	5.4	5.0
(S) 170-190	3.9	2.8	2.2	.5	.1							9.5	7.0	5.0
200-220	1.2	2.3	.6	.8								4.8	7.7	6.0
230-250	2.0	2.0	.5	.1								4.7	5.7	5.0
(W) 260-280	5.5	4.4	.4	.4								10.8	5.1	4.0
290-310	5.7	8.3	2.8	.6								17.4	6.6	6.0
320-340	4.8	11.0	5.4	.8	.2							22.2	7.3	6.0
VARIABLE	: !	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	- · · · · · ·	• • • • • •	• • • • • • •	• • • • • • •			• • • • • • • • • • • • • • • • • • • •	• • • • • •	• • • • • • •
CALM	1/////	//////	//////	//////	//////	///////	//////	///////	///////	//////	//////	/ 6.7	/////	//////
TOTALS	31.2	43.5	14.6	3.5	.3							100.0	6.0	6.0
			τn	TAI MIIM	RER OF	OBSERVA	TIONS	930						

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION MAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: JAN HOURS: 09-11

		LS	T TO UT	C: + 5					MONTH	: JAN	HOURS	S: 09-11	ł	
DIRECTION (DEGREES)] 1-4 	5-9	10-14	15-19		SPEED IN 25-29		35-39	40-49	50-64	GE 65	TOTAL	MEAN WIND	MEDIAN WIND
(N) 350-010	2.2	5.8	4.2	.6		•••••	• • • • • •	•••••	•••••	•••••	• • • • • • •	12.8	8.4	8.0
020-040	1.1	1.4	1.5	.1		.1						4.2	8.2	8.0
050-070	1.0	.8	.6									2.4	6.5	5.5
(E) 080-100	.6	2.0	.6	. 1								3.4	7.6	8.0
110-130	.4	1.3	1.6	.1								3.4	8.6	9.0
140-160	.9	1.4	2.0	.3								4.6	9.2	10.0
(S) 170-190	 1.1	2.2	2.2	.6	.1							6.1	9.0	9.0
200-220	 1.8	5.3	2.0	.5	.1							9.8	7.9	8.0
230-250	.9	3.0	.9	.5	.1							5.4	8.2	7.0
(W) 260-280	1.5	3.3	2.5	.9	.1							8.3	8.6	8.0
290-310	3.4	6.6	4.7	1.0								15.7	8.2	8.0
320-340	 3.1	10.1	7.4	1.8	.1							22.6	8.8	9.0
	 											• • • • • •		
VARIABLE	} 													
CALM	//////	//////	//////	//////	//////	///////	//////	///////	///////	//////	///////	1.3	//////	111111
TOTALS	 18.0	43.2	30.2	6.5	.5	.1						100.0	8.3	8.0
			TO	TAI NUIM	DED OF	ODCEDVA	TIONS	070						

TOTAL NUMBER OF OBSERVATIONS 930

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PERCENTAGE FREQUENCY OF OCCURRENCE SRFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88

LST TO UTC: + 5 MONTH: JAN HOURS: 12-14

		LS	10 01	L: + 3					MUNIF	1: JAN	HUUK	5: IZ-I	4	
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19		PEED IN 25-29		35-39	40-49	50-64	GE 65	TOTAL	MEAN WIND	MEDIAN WIND
(N) 350-010	.3	6.9	8.9	1.9	*****	•••••		•••••	• • • • • • •		•••••	18.1	10.2	10.0
020-040	.9	4.6	2.4	.1								8.0	8.2	7.5
050-070	.3	1.5	1.8									3.7	8.7	9.5
(E) 080-100	.3	2.5	1.3	.2								4.3	8.6	8.0
110-130	.4	2.6	.6									3.7	7.7	8.0
140-160	8.	1.4	2.3	1.1	. 1							5.6	10.5	11.0
(S) 170-190	.4	1.2	3.0	1.1								5.7	11.1	12.0
200-220	1.5	2.8	4.0	.5	.2							9.0	9.5	10.0
230-250	1.1	4.4	2.4	.6	.1	.1						8.7	8.9	8.0
(W) 260-280	1.1	2.6	4.4	1.6	.4	.2	.1					10.4	11.3	10.0
290-310	1.1	4.1	4.4	.9	.2							10.6	9.7	10.0
320-340	8.	3.1	5.7	2.3	.3							12.2	11.3	12.0
VARIABLE					•••••			•••••	•••••			• • • • • • •	• • • • • •	•••••
CALM	11111111	//////	//////	//////	//////	//////	//////	//////	///////	'//////	'//////	.1	//////	//////
TOTALS	9.0	37.7	41.2	10.3	1.3	.3	. 1					100.0	9.9	10.0
			10	TAL NUM	BER OF	OBSERVA	TIONS	930						

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: JAN HOURS: 15-17

		LS	T TO UT	C: + 5					MONTH	: JAN	HOUR	S: 15-1	<i>(</i>	
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19		SPEED IN 25-29		35-39	40-49	50-64	GE 65	TOTAL	MEAN WIND	MEDIAN WIND
(N) 350-010	1.0	8.7	8.5	1.5	•••••		• • • • • •			•••••		19.7	9.5	10.0
020-040	1.7	6.3	2.4		.1							10.5	7.2	7.0
050-070	1.8	2.9	1.3	. 1								6.1	6.7	6.0
(E) 080-100	.5	5.2	.5	.2								6.5	7.2	7.0
110-130	.6	3.8	.5									4.9	7.1	7.0
140-160	.3	3.2	3.7	.4	.2							7.8	9.9	10.0
(S) 170-190	.2	.9	1.8	.1								3.0	10.0	11.0
200-220	.6	2.7	1.3	.1								4.7	7.5	7.5
230-250	8.	3.3	1.4	.6	. 1							6.2	8.8	8.0
(W) 260-280	1.1	4.0	4.7	1.8	.5	.5						12.7	11.2	11.0
290-310	1.2	3.8	2.9	1.2	.3	.2						9.6	9.9	9.0
320-340	 .5 	2.2	4.4	.5	.2							7.8	10.6	11.0
VARIABLE]		• • • • • • •		•••••		• • • • • •	• • • • • • •		•••••		•••••	• • • • • •	
CALM	1/////	//////	///////	//////	//////	///////	//////	1111111	(//////	//////	///////	.3	/////	'/////
TOTALS	10.3	47.0	33.4	6.5	1.4	.7						100.0	9.0	9.0
			TO	TAL NUM	IBER OF	OBSERVA	TIONS	930						

C - 4 - 6

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5 MONTH: JAN HOURS: 18-20

		LS	וט טו וו	U: + 5					MUNTE	I: JAN	HOUR	5: 10-21	J	
DIRECTION (DEGREES)	•	5-9	10-14	15-19		SPEED IN 25-29		35-39	40-49	50-64	GE 65	TOTAL	MEAN WIND	MEDIAN WIND
(N) 350-010	5.3	10.4	2.6	.6	•••••				•••••	• • • • • • •	• • • • • • • •	18.9	6.7	6.0
020-040	3.4	2.4	.2									6.0	4.8	4.0
050-070	3.1	1.9	.3	. 1								5.5	5.1	4.0
(E) 080-100	3.9	2.8										6.7	4.3	4.0
110-130	2.2	1.8		.3								4.3	5.4	4.5
140-160	2.9	5.3	1.4	.2								9.8	6.2	5.0
(S) 170-190	1.7	1.3	.9	.3								4.2	6.7	5.0
200-220	8.	2.5	.1									3.3	5.4	5.0
230-250	1.2	2.0	.8									4.0	6.5	6.0
(W) 260-280	2.8	5.4	3.9	.8	.4							13.2	8.5	8.0
290-310	1.9	3.2	1.6	.5	.1							7.4	7.9	7.0
320-340	2.5	4.8	3.1	.8								11.2	7.8	7.0
VARIABLE		• • • • • •	•••••		•••••	• • • • • • •		• • • • • • •	• • • • • • •			•••••		
CALM	1111111	//////	//////	//////	//////	(1111111	//////	///////	///////	//////	(1/1////	5.5	/////	//////
TOTALS	31.7	43.8	14.9	3.6	.5							100.0	6.3	6.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - CT 88

LST TO UTC: + 5 MONTH: JAN HOURS: 21-23

		LS	TU OT	C: + 5					MONTH	: JAN	HOUR	s: 21-23	3	
DIRECTION (DEGREES)] 1-4 	5-9	10-14	15-19		SPEED IN 25-29		35-39	40-49	50-64	GE 65	TOTAL	MEAN WIND	MEDIAN WIND
(N) 350-010	3.5	5.3	2.6	.6	• • • • • • •	•••••		•••••			•••••	12.0	7.1	6.0
020-040	1.8	1.4	.5									3.8	5.7	5.0
050-070	1.8	.8	.4									3.0	5.3	4.0
(E) 080-100	 2.8 	1.2	.3	.1								4.4	4.8	4.0
110-130	2.2	3.0	.2	.1	.2							5.7	5.8	5.0
140-160	1.7	3.7	1.4	.1								6.9	7.0	6.5
(S) 170-190	3.1	2.5	.9	.3	.2							7.0	6.6	5.0
200-220	1.4	3.3	.1	.1								4.9	6.0	6.0
230-250	1.1	2.9	.3									4.3	6.3	6.5
(W) 260-280	3.5	4.6	2.6	.3		. 1						11.2	7.3	6.0
290-310	4.8	6.1	2.7	.6								14.3	6.8	6.0
320-340	5.2	5.6	4.1	.3								15.2	6.9	6.0
VARIABLE			• • • • • • •	•••••		•••••				••••	•••••	•••••	• • • • • •	• • • • • •
CALM	 ///////	//////	//////	//////	//////	///////	//////	///////	//////	//////	///////	7.3	/////	111111
TOTALS	32.9	40.4	16.1	2.5	.4	.1						100.0	6.1	6.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: JAN HOURS: ALL

	• • • • • • • •	• • • • • •	• • • • • •	• • • • • •	WIND S	PEED IN	KNOTS			•••••	• • • • • • •	• • • • • •		•••••
DIRECTION	1-4	5-9	10-14	15-19		25-29		35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)	1	•••••	•••••			•••••	•••••	•••••		•••••	• • • • • • • •	%	WIND	WIND
(N) 350-010	2.4	6.4	4.1	.7		•••••				• • • • • •	• • • • • • •	13.5	8.0	8.0
020-040	1.6	2.6	.9	.0	.0	.0						5.1	6.6	6.0
050-070	1.4	1.1	.7	.0								3.2	6.2	5.0
(E) 080-100	1.5	2.2	.6	.1								4.4	6.3	6.0
110-130	1.2	2.2	.5	.1	.1							4.0	6.6	6.0
140-160	1.3	2.6	1.4	.3	.0							5.7	7.5	7.0
(S) 170-190	2.1	2.2	1.8	.5	.1	.0						6.8	7.9	7.0
200-220	1.6	3.1	1.2	.3	.0							6.2	7.2	7.0
230-250	1.4	2.9	.9	.2	.0	.0						5.4	7.2	7.0
(W) 260-280	3.1	4.4	2.6	.8	.2	. 1	.0					11.1	7.9	7.0
290-310	4.2	5.7	3.2	.7	.1	.0						13.9	7.4	7.0
320-340	3.8	7.0	4.9	1.0	.1							16.7	8.0	7.0
VARIABLE	! !	• • • • • • •	•••••	• • • • • • •		• • • • • • •				• • • • • •		• • • • • • •		•••••
CALM	1111111	//////	///////	//////	//////	//////	//////	1111111	1111111	///////	///////	4.0	/////	111111
TOTALS	25.6	42.4	22.8	4.7	.6	. 1						100.0	7.2	7.0
			10	TAL NUM	BER OF	OBSERVA	TIONS	7440						

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PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5 MONTH: JAN HOURS: ALL

LST TO UTC: + 5

CATEGORY A:	CEILING GE 200 BUT LESS	S THAN 1500 FEET I	WITH VISIBILITY GE	1/2 MILE (0800 METERS).
		AND/OR		
	VISIBILITY OF 1/2 MILE	(0800 METERS) BUT	LESS THAN 3 MILES	(4800 METERS) WITH CELL IN

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION	[1-4	5.9	10-14	15 - 19		SPEED IN 25-29		35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)	,											_%	WIND	WIND
(N) 350-010	2.0	10.9	8.7	2.6		• • • • • • •	• • • • • •			• • • • • •	• • • • • • •	24.2	9.4	9.0
020-040	.9	1.7	.9			.2						3.6	7.6	7.0
050-070	!	.2										.2	9.0	9.0
(E) 080-100	.2	.2	.3	.7								1.4	11.3	14.0
110-130	.3	.2	.5	.2								1.2	8.3	10.0
140-160	.9	.7	.5									2.0	6.3	5.0
(S) 170-190	.7	.2	1.7	.5								3.1	10.8	12.0
200-220	1.0	1.2	.5	.9								3.6	8.6	8.0
230-250	.9	2.7	.5									4.1	6.4	7.0
(W) 260-280	1.7	3.6	1.5	.9								7.7	7.8	7.0
290-310	2.7	4.6	2.6	.5	.2							10.6	7.7	7.0
320-340	2.6	10.9	16.9	5.5	.5							36.3	10.5	10.0
VARIABLE	! [• • • • • • •			• • • • • •	
CALM	1111111	//////	//////	//////	//////	////////	//////	///////	///////	//////	///////	2.0	/////	//////
TOTALS	13.9	37.1	34.6	11.8	.7	.2						100.0	9.1	9.0

TOTAL NUMBER OF OBSERVATIONS 586

0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5 PERIOD OF RECORD: NOV 78 - OCT 88

WIND SPEED IN KNOTS 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 GE 65 TOTAL MEAN MEDIAN DIRECTION | (DEGREES) % WIND WIND .,... (N) 350-010 | 3.4 2.1 1.2 .1 6.0 4.4 11.2 7.4 020-040 2.5 1.1 .7 4.2 4.8 4.0 .1 .7 3.4 8.3 7.0 050-070 1.6 .8 .1 (E) 080-100 2.7 7.2 3.2 1.2 . 1 5.0 6.2 110-130 1.9 5.7 5.7 5.0 .2 . 1 140-160 1.6 4.4 -6 .5 7.1 7.3 7.0 (S) 170-190 9.9 4.1 4.4 1.2 . 1 . 1 6.0 5.0 200-220 3.5 2.5 1.3 . 1 7.4 6.0 5.0 230-250 1.6 3.4 1.1 .2 6.4 6.7 6.0 (W) 260-280 3.3 4.5 2.0 .6 .1 10.5 7.1 6.0 290-310 5.1 7.2 1.5 .5 14.3 5.8 5.0 320-340 4.7 4.5 1.5 .2 11.0 5.0 VARIABLE CALM 36.1 43.6 14.2 3.6 100.0 6.3 6.0 TOTALS .1 .4 TOTAL NUMBER OF OBSERVATIONS 849

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PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: FEB HOURS: 03-05

			,	•••								•	
DIRECTION (DEGREES)	1-4 	5-9	10-14	15 - 19		PEED IN KNOTS 25-29 30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN WIND	MED I AI
N) 350-010	3.9	3.5	2.1	.4	-4		•••••	• • • • • • •	•••••	• • • • • • •	10.2	7,1	6.0
020-040	1.1	.6	.1	.2							2.0	5.6	4.0
050-070	1.3	1.3	.9	.2	.1						3.9	7.3	5.0
E) 080-100	3.2	3.3	1.8								8.2	6.2	5.0
110-130	1.6	1.4	.4								3.4	4.8	5.0
140-160	2.6	2.7	1.3	.2	.1						6.9	6.9	6.0
) 170-190	2.8	2.9	1.2	.1							7.1	6.1	5.0
200-220	2.9	3.1	.8	.2							7.1	6.0	5.0
230-250] 2.1	4.0	1.1		.1						7.3	6.4	5.0
) 260-280	3.9	6.0	1.5	.6	.4						12.4	6.7	6.0
290-310	4.8	7.5	1.2	.6	.1						14.3	6.2	5.0
320-340	[3.5	8.2	2.4	.4	.1						14.6	6.6	6.0
VARIABLE	` !		•••••		• • • • • • •		•••••		•••••		•••••	• • • • • •	•••••
CALM	///////	//////	///////	///////	//////	///////////////////////////////////////	///////	///////	///////	,,,,,,,	2.6	//////	//////
TOTALS	 33.7	44.5	14.8	2.9	1.3						100.0	6.3	5.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5 MONTH: FEB HOURS: 06-08

				••									-	
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19		SPEED IN 25-29		35-39	40-49	50-64	GE 65	TOTAL	MEAN WIND	MEDIAN WIND
(N) 350-010	4.1	4.9	2.2	.4		• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	11.7	6.6	6.0
020-040	.9	1.3		.6								2.8	7.3	5.5
050-070	1.4	.7	1.1	.1								3.3	7.0	5.5
(E) 080-100	1.8	3.2	.8	.2								6.0	6.5	6.0
110-130	1.4	2.5	.6									4.5	6.3	6.0
140-160	1.8	2.6	.7	.1	.1							5.3	6.6	6.0
(S) 170-190	2.8	3.3	2.1	2								8.5	7.0	6.0
200-220	2.4	2.4	.8	.1								5.7	6.1	5.0
230-250	2.0	3.2	.4									5.5	5.4	5.0
(W) 260-280	4.5	3.3	1.6	.8	.7							11.0	7.5	5.0
290-310	5.4	6.4	2.2	.2								14.3	6.2	6.0
320-340	4.9	11.4	2.6	.2								19.2	6.4	6.0
VARIABLE	:]							•••••	•••••	• • • • • • •	• • • • • • •	•••••		
CALM	//////	//////	//////	//////	//////	///////	//////	///////	///////	//////	///////	2.4	/////	//////
TOTALS	33.4	45.2	15.1	2.9	.8							100.0	6.4	6.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5 MONTH: FEB HOURS: 09-11

				••					,,,,,,,				•	
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19		PEED IN 25-29		35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.9	5.7	4.8	1.1	•••••	•••••		•••••	•••••		• • • • • • • •	13.4	9.0	9.0
020-040	1.6	2.9	1.3	.4								6.2	7.2	7.0
050-070	.7	1.2	1.9	-1								3.9	8.6	10.0
(E) 080-100	.5	2.1	2.7	.4								5.7	9.7	10.0
110-130	.8	1.4	1.9									4.1	8.3	9.0
140-160	.9	2.6	2.9	1.3	.2							8.0	10.1	10.0
(S) 170-190	.6	1.5	2.5	1.5								6.1	10.8	11.0
200-220	.5	3.3	2.7	.6								7.1	9.3	9.0
230-250	2.2	3.4	1.4	.1	.1	.1						7.4	7.2	6.0
(W) 260-280	1.2	3.1	2.0	1.1	.6	.1						8.0	10.2	8.0
290-310	1.5	2.9	4.4	.5	.2							9.5	9.3	10.0
320-340	2.8	9.2	6.7	1.5								20.3	8.6	8.5
VARIABLE		• • • • • •	•••••	•••••		•••••					•••••	• • • • • •	• • • • • •	• • • • • • •
CALM	1111111	//////	//////	//////	//////	//////	//////	1111111	///////	1/////	///////	.2	/////	/////
TOTALS	15.2	39.3	35.2	8.6	1.1	.2						100.0	9.0	9.0
			TO	TAL NUM	BER OF	OBSERVA	TIONS	849						

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PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88

LST TO UTC: + 5 MONTH: FEB HOURS: 12-14

	• • • • • • • • • • • • • • • • • • • •	• • • • • •		•••••	WIND S	PEED IN	KNOTS		•••••	• • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • •		•••••
DIRECTION (DEGREES)	1-4 	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	-4	5.4	9.8	1.8	•••••	•••••	•••••	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • • •	17.3	10.4	10.0
020-040	1.1	6.9	2.6	.5								11.1	8.3	8.0
050-070	.6	3.7	1.5	.1								5.9	7.7	7.0
(E) 080-100	.2	2.0	1.6	.8								4.7	10.1	10.0
110-130	.4	1.9	3.2	.2								5.7	10.2	10.0
140-160	.2	2.1	5.3	2.1	.2							10.0	12.1	12.0
(S) 170-190	.2	1.1	3.3	.7								5.3	11.3	12.0
200-220	.1	2.6	3.8	.9	.1							7.5	10.6	10.5
230-250	1.3	4.2	2.0	.6	.1	.1						8.4	8.5	8.0
(W) 260-280	1.2	1.5	1.9	.9	.9	.1						6.6	11.1	10.5
290-310	.6	3.1	2.5	1.1	.5							7.7	10.8	10.0
320-340	.7	2.8	4.8	1.3	.1							9.8	10.7	11.0
VARIABLE	!						• • • • • • •	· • • • • • • •		•••••	• • • • • • • • • • • • • • • • • • • •	• • • • • • •		•••••
CALM	1111111	//////	//////	1111111	1111111	///////	//////	///////	//////	//////	///////	.1	/////	'/////
TOTALS	7.0	37.3	42.3	11.0	1.9	.2						100.0	10.1	10.0
			TO	TAL NUM	BER OF	OBSERVA	TIONS	849						

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5 PERIOD OF RECORD: NOV 78 - OCT 88

				•							.,		•	
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	-	SPEED IN 25-29		35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	3.2	10.5	3.5	.1		• • • • • • •	•••••			• • • • • •		17.3	7.1	7.0
020-040	5.4	4.2	.9	.5								11.1	5.7	5.0
050-070	4.2	3.1	.8	.1								8.2	5.3	4.0
(E) 080-100	4.4	3.5	.8	.5								9.2	5.9	5.0
110-130	2.6	5.3	.2									8.1	5.7	6.0
140-160	1.4	7.4	3.8	.9								13.5	8.6	7.0
s) 170-190	1.5	1.5	.4	.4								3.8	6.3	5.0
200-220	1.2	1.5	.8	.1								3.7	6.7	7.0
230-250	.6	1.6	1.8		.1							4.1	8.8	9.0
W) 260-280	1.3	3.4	2.6	.8	.1							8.2	9.1	9.0
290-310	.4	2.1	1.4	.4								4.2	8.6	8.0
320-340	1.6	3.1	1.8	.7	. 1							7.3	8.2	7.0
VARIABLE	: !	• • • • • •	•••••	• • • • • •	• • • • • •	• • • • • • •	•••••	•••••	• • • • • •	• • • • • •	• • • • • • •		· • • • • • •	•••••
CALM	1//////	//////	//////	//////	//////	(//////	//////	///////	'//////	///////	///////	1.2	/////	111111
TOTALS	1 27.8	47.2	18.8	4.5	.3							100.0	7.0	6.0
			ŤO	TAL NUM	BER OF	OBSERVA	TIONS	849						

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5 MONTH: FEB HOURS: 21-23

		LS	דט טד	C: + 5				MONTH:	LEB	HOUKS:	21-23		
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	WIND SPEED IN 20-24 25-29		5-39	40-49	50-64	GE 65	TOTAL	MEAN WIND	MEDIAN WIND
(N) 350-010	4.2	5.9	1.9	.1		• • • • • • • • •	••••			•••••	12.1	6.2	5.0
020-040	2.7	2.4	1.1								6.1	5.9	5.0
050-070	2.1	1.5	1.1								4.7	6.0	5.0
(E) 080-100	2.4	3.1	1.2	.1							6.7	6.5	6.0
110-130	1.5	4.4	.4	.2							6.5	6.5	6.0
140-160	2.6	4.9	1.4	.4							9.3	6.6	6.0
(S) 170-190	2.6	3.5	.7	.5							7.3	6.3	5.0
200-220	2.9	2.9	.8	.4							7.1	5.9	5.0
230-250	1.8	3.2	1.3	.1	.4						6.7	7.4	6.0
(W) 260-280	2.0	5.9	1.9	.4							10.1	7.5	8.0
290-310	2.6	3.1	1.3	.1	.1						7.2	6.6	6.0
320-340	4.5	5.4	2.0	. 1							12.0	6.0	5.5
VARIABLE			• • • • • • • • • • • • • • • • • • • •	•••••	•••••	•••••	•••••	• • • • • •	• • • • • • •	•••••	• • • • • • • • • • • • • • • • • • • •	• • • • • •	••••
CALM	///////	//////	//////	//////	///////////////////////////////////////	111111111	/////	//////	//////	//////	4.1	/////	111111
TOTALS	31.9	46.2	15.1	2.4	.5						100.0	6.2	6.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88

LS1 10 UTC: + 5	MONTH:	FEB	HOURS: ALI

					WIND S	PEED IN	KNOTS					•••••		••••
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIA
(DEGREES)	i	• • • • • • •	•••••		•••••	••••	• • • • • •	• • • • • • •		•••••	•••••	%	WIND	WIND
350-010	2.8	5.7	4.4	.8	.1	•••••	• • • • • •	• • • • • • •	•••••	•••••	•••••	13.8	8.2	8.0
020-040	2.1	3.7	1.2	.4								7.4	7.0	7.0
050-070	1.5	2.4	1.2	.1	.0	.0						5.3	7.0	6.0
) 080-100	2.0	3.1	1.5	.3								6.8	7.1	6.0
110-130	1.4	3.1	1,3	.1								5.8	7.1	7.0
140-160	1.4	3.7	2.8	1.0	.1							8.9	9.0	8.0
) 170-190	1.9	2.4	1.5	.5	.0							6.3	7.6	7.0
200-220	1.8	2.5	1.7	.4	.0							6.4	7.6	7.0
230-250	1.5	3.2	1.3	.2	.1	.0						6.3	7.4	6.0
260-280	2.2	3.6	2.0	1.0	.4	.0						9.2	8.6	7.0
290-310	2.6	4.2	2.0	.5	.2							9.5	7.5	6.0
320-340	2,9	5.9	3.1	.7	.0							12.7	7.6	7.0
VARIABLE	•••••	• • • • • • •	•••••		• • • • • •	•••••		• • • • • • •			•••••	• • • • • • •		• • • • • •
CALM	//////	//////	//////	//////	//////	//////	(((((//////	//////	//////	//////	1.6	/////	//////
TOTALS	24.1	43.5	24.0	6.0	.9							100.0	7.6	7.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 MONTH: FEB HOURS: ALL

LST TO UTC: + 5

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS). AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

			40.44	45 40		PEED IN		75 70		FO 44	05 (5	TOTAL		MEDIAN
DIRECTION	1-4	5-9 	10-14	15-19	20-24	25-29	50-54	35.39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)	1											%	WIND	WIND
(N) 350-010	4.1	13.2	14.4	2.7		•••••	• • • • • •			•••••	•••••	34.4	9.2	9.0
020-040	.7	1.8	.7	.5								3.6	7.8	7.5
050-070	1.1	.5	.2									1.8	4.8	3.0
(E) 080-100	.5	.2										.7	4.3	4.0
110-130	! !	.5										.5	8.5	8.5
140-160	.2	.5										.7	7.0	9.0
(S) 170-190	.9	1.4	3.2	.2								5.7	9.1	10.0
200-220	2.1	1.4	.9	.2								4.6	6.4	6.5
230-250	1.6	3.4	2.1		.5	.2						7.7	8.4	7.0
(W) 260-280	3.4	2.3	1.6									7.3	5.4	5.0
290-310	3.0	2.1	.5	.7								6.2	6.3	5.0
320-340	3.2	11.8	6.2	2.5								23.7	8.6	8.0
VARIABLE	 				• • • • • •	• • • • • • • • • • • • • • • • • • • •			• • • • • • •	•••••				• • • • • • • • • • • • • • • • • • • •
CALM	//////	//////	//////	///////	//////	1111111	//////	///////	//////	1111111	1111111	3.2	/////	7/////
TOTALS	20.8	39.1	29.8	6.8	.5	.2						100.0	7.9	8.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5

MONTH: MAR HOURS: 00-02

		LS	10 01	C: + 3					HONT	I. PAN	HOUK.	3. 00 0	-	
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19		SPEED IN 25-29		35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.7	3.5	1.2			•••••	• • • • • •		• • • • • • •			6.5	6.3	5.0
020-040	2.3	2.5	.2									4.9	4.8	5.0
050-070	2.9	1.4	.5	.3								5.2	5.6	4.0
(E) 080-100	2.8	2.9	.1	.3								6.1	5.6	5.0
110-130	2.7	3.7	.6	.2								7.2	5.9	5.0
140-160	3.5	5.9	2.0	.8	.2							12.5	7.3	6.0
(S) 170-190	3.3	5.3	1.7	.5	.1							11.0	6.8	6.0
200-220	2.5	1.9	1.2			.1						5.7	6.1	5.0
230-250	2.3	4.3	1.3		.4							8.3	7.3	7.0
(W) 260-280	4.0	6.5	1.7		. 1	. 1						12.4	6.4	6.0
290-310	2.4	4.0	1.2	.4								8.0	6.9	6.5
320-340	4.9	3.3	2.3	.3								10.9	6.4	5.0
VARIABLE	 	• • • • • •	•••••	•••••	•••••	•••••			• • • • • • •		• • • • • • • • • • • • • • • • • • • •	•••••	• • • • • •	•••••
CALM	1/////	//////	//////	!/////	//////	'//////	//////	///////	'//////	///////	///////	1.5	/////	111111
TOTALS	35.3	45.2	14.0	2.8	.8	.2						100.0	6.3	6.0
			το	TAL NUM	BER OF	OBSERVA	TIONS	930						

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PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5 MONTH: MAR HOURS: 03-05

		Lo	,, ,, ,,	C. + J					MONT	I. PIAK	HOUR	3. 03-0.	,	
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19		SPEED IN 25-29		35-39	40-49	50-64	GE 65	TOTAL	MEAN WIND	MEDIAN WIND
(N) 350-010	2.7	4.2	.9		•••••	• • • • • • •	• • • • • •	• • • • • • •	•••••	• • • • • • •		7.7	5.5	5.0
020-040	1.4	1.6										3.0	5.0	5.0
050-070	2.4	1.9	.5	.1								4.9	5.6	5.0
(E) 080-100	2.3	2.7	.8	.1								5.8	6.4	5.0
110-130	2.2	2.7	.4									5.3	5.4	5.0
140 - 160	1.9	6.3	2.0	.1	. 1							10.5	7.2	6.0
(S) 170-190	3.9	5.3	1.7	.6								11.5	6.6	6.0
200-220	2.3	2.8	1.4	.3								6.8	6.9	7.0
230-250	2.2	3.9	.5	.3	.2	.1						7.2	6.8	5.0
(W) 260-280	3.8	5.6	1.5	.2	.2							11.3	6.5	6.0
290-310	5.4	4.1	1.9	.1								11.5	5.9	5.0
320-340	5.4	5 .3	1.7	.4								12.8	6.0	5.0
VARIABLE					•••••		• • • • • •		• • • • • •	•••••	• • • • • • • •		• • • • • •	· • • • • • •
CALM	 //////	//////	'//////	11/1///	111111	(1111111	//////	(111111)	//////	(/////	////////	1.6	11111	'/////
TOTALS	35.9	46.4	13.3	2.2	.5	.1						100.0	6.2	5.0
			ī	TAI NIIM	IRFR OF	ORSERVA	TIONS	930						

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5 MONTH: MAR HOURS: 06-08

									(101111		.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		-	
DIRECTION (DEGREES)	1 1-4	5-9	10-14	15 - 19		SPEED IN 25-29		35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIA!
N) 350-010	3.3	5.1	.6				•••••	•••••	•••••	•••••	•••••	9.0	5.8	6.0
020-040	1.5	1.8	.2									3.5	5.2	5.0
050-070	2.7	2.3	1.0	.3								6.2	6.7	5.5
080-100	2.3	1.7	1.1									5.1	6.1	5.0
110-130	1.9	3.0	.3									5.3	5.5	5.0
140-160	2.2	4.2	1.7	.4	.1							8.6	7.6	7.0
) 170-190	3.2	5.4	2.5	.6	.1							11.8	7.3	7.0
200-220	2.2	3.2	1.5	.9								7.7	7.8	6.5
230-250	1.1	3.7	.8	.2								5.7	6.7	6.0
) 260-280	3.8	4.6	1.6	.4	.1	.2						10.8	6.7	5.0
290-310	5.2	4.2	1,6	.2								11.2	5.9	5.0
320-340	4.4	5.6	2.9	.6								13.5	7.0	6.0
VARIABLE	: !		•••••	•••••		•••••				• • • • • •				•••••
CALM	1///////	//////	1111111	//////	//////	1111111	//////	1111111	///////	//////	///////	1.5	/////	111111
TOTALS	1 1 33.8	44,8	15.8	3.6	.3	.2						100.0	6,6	6.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88

LST TO LITC: + 5 MONTH: MAR HOURS: 09-11

		LS	T TO UT	C: + 5					MONTH	: MAR	HOUR	S: 09-1		
			•••••		WIND S	PEED IN	KNOTS	• • • • • • •	• • • • • • •	•••••		• • • • • • •	• • • • • •	• • • • • • •
DIRECTION (DEGREES)	1-4 	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.2	4.5	5.7	.3		•••••	•••••	••••	•••••			10.8	9.6	10.0
020-040	1.2	3.0	1.5									5.7	7.2	7.0
050-070	1.1	1.6	3.8	.6								7.1	9.9	10.5
(E) 080-100	.2	2.7	2.5	.1								5.5	9.5	9.0
110-130	.5	2.8	3.0	.4								6.8	9.3	10.0
140-160	.2	2.6	4.4	1.6	.1	.2						9.1	11.7	12.0
(\$) 170-190	.4	2.0	3.0	.5	.4	.1						6.6	10.8	10.0
200-220	1.0	4.9	3.1	1.7	.4							11.2	10.2	9.0
230-250	.5	4.5	2.2	.5	.4							8.2	9.2	8.0
(W) 260-280	1.1	2.2	1.3	1.1	.9	,1						6.6	11.0	10.0
290-310	1.0	2.4	3.4	2.2	.1							9.0	10.6	10.5
320-340	.8	5.7	5.5	1.5								13.4	9.8	10.0
VARIABLE				• • • • • •			• • • • • •			• • • • • •				•••••
CALM	///////	,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,							•		
	ĺ					,,,,,,,	,,,,,,	1111111	,,,,,,,	//////	,,,,,,,			
TOTALS	8.2	38.9	39.4	10.5	2.3	,4						100.0	10.0	10.0
			TO	TAL NUM	BER OF	OBSERVA	TIONS	930						
• • • • • • • • • • • • • • • • • • • •	• • • • • • • •	• • • • • •	• • • • • •		• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	

C - 4 - 23

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5 MONTH: MAR HOURS: 18-20

			-										
1-4	5-9	10-14	15-19	-			35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
2.4	5.7	3.4	.2		•••••			•••••			11.7	7.6	8.0
3.4	6.5	.5									10.4	5.7	5.0
4.1	3.5	1.4	.3								9.4	6.1	5.0
5.3	5.5	.8									11.5	5.3	5.0
2.5	6.8	2.7	.3								12.3	7.5	7.0
1.6	6.7	6.2	2.2	.2							16.9	9.8	10.0
.4	3.0	1.3	.3								5.1	8.4	8.0
. 1	1.2	.9	.1	.3							2.6	10.7	9.5
.5	3.1	.9	.5	.1							5.2	9.0	8.0
.1	2.4	3.8	1.8	.8	.2						9.0	12.4	12.0
.3	.4	.8	-4	.1	.1						2.2	11.6	11.0
.4	.6	2.2	.4								3.7	10.2	11.0
		• • • • • • •	• • • • • •		•••••	• • • • • • •					•••••		• • • • • • • • • • • • • • • • • • • •
///////	(/////	//////	//////	///////	///////	//////	//////	//////	//////	///////	.2	/////	111111
21.1	45.4	24.9	6.5	1.5	.3						100.0	8.1	7.0
	2.4 3.4 4.1 5.3 2.5 1.6 .4 .1 .5 .1	2.4 5.7 3.4 6.5 4.1 3.5 5.3 5.5 2.5 6.8 1.6 6.7 .4 3.0 .1 1.2 .5 3.1 .1 2.4 .3 .4 .4 .6	2.4 5.7 3.4 3.4 6.5 .5 4.1 3.5 1.4 5.3 5.5 .8 2.5 6.8 2.7 1.6 6.7 6.2 .4 3.0 1.3 .1 1.2 .9 .5 3.1 .9 .1 2.4 3.8 .3 .4 .8 .4 .6 2.2	2.4	1-4	1-4 5-9 10-14 15-19 20-24 25-29 2.4 5.7 3.4 .2 3.4 6.5 .5 4.1 3.5 1.4 .3 5.3 5.5 .8 2.5 6.8 2.7 .3 1.6 6.7 6.2 2.2 .2 .4 3.0 1.3 .3 .1 1.2 .9 .1 .3 .5 3.1 .9 .5 .1 .1 2.4 3.8 1.8 .8 .2 .3 .4 .8 .4 .1 .1 .4 .6 2.2 .4	2.4	1-4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 2.4 5.7 3.4 .2 3.4 6.5 .5 4.1 3.5 1.4 .3 5.3 5.5 .8 2.5 6.8 2.7 .3 1.6 6.7 6.2 2.2 .2 .4 3.0 1.3 .3 .1 1.2 .9 .1 .3 .5 3.1 .9 .5 .1 .1 2.4 3.8 1.8 .8 .2 .3 .4 .8 .4 .1 .1 .4 .6 2.2 .4	1-4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-49 2.4 5.7 3.4 .2 3.4 6.5 .5 4.1 3.5 1.4 .3 5.3 5.5 .8 2.5 6.8 2.7 .3 1.6 6.7 6.2 2.2 .2 .4 3.0 1.3 .3 .1 1.2 .9 .1 .3 .5 3.1 .9 .5 .1 .1 2.4 3.8 1.8 .8 .2 .3 .4 .8 .4 .1 .1 .4 .6 2.2 .4	1-4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 2.4 5.7 3.4 .2 3.4 6.5 .5 4.1 3.5 1.4 .3 5.3 5.5 .8 2.5 6.8 2.7 .3 1.6 6.7 6.2 2.2 .2 .4 3.0 1.3 .3 .1 1.2 .9 .1 .3 .5 3.1 .9 .5 .1 .1 2.4 3.8 1.8 .8 .2 .3 .4 .8 .4 .1 .1 .4 .6 2.2 .4	1-4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 GE 65 2.4 5.7 3.4 .2 3.4 6.5 .5 4.1 3.5 1.4 .3 5.3 5.5 .8 2.5 6.8 2.7 .3 1.6 6.7 6.2 2.2 .2 .4 3.0 1.3 .3 .1 1.2 .9 .1 .3 .5 3.1 .9 .5 .1 .1 2.4 3.8 1.8 .8 .2 .3 .4 .8 .4 .1 .1 .4 .6 2.2 .4	1-4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 GE 65 TOTAL % 2.4 5.7 3.4 .2 11.7 3.4 6.5 .5 10.4 4.1 3.5 1.4 .3 9.4 5.3 5.5 .8 11.5 2.5 6.8 2.7 .3 12.3 1.6 6.7 6.2 2.2 .2 16.9 .4 3.0 1.3 .3 5.1 .1 1.2 .9 .1 .3 2.6 .5 3.1 .9 .5 .1 5.2 .1 2.4 3.8 1.8 .8 .2 9.0 .3 .4 .8 .4 .1 .1 .1 2.2 .4 .6 2.2 .4 3.7	1-4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 GE 65 TOTAL MEAN WIND 2.4 5.7 3.4 .2 11.7 7.6 3.4 6.5 .5 10.4 5.7 4.1 3.5 1.4 .3 9.4 6.1 5.3 5.5 .8 11.5 5.3 2.5 6.8 2.7 .3 12.3 7.5 1.6 6.7 6.2 2.2 .2 16.9 9.8 .4 3.0 1.3 .3 5.1 8.4 .1 1.2 .9 .1 .3 2.6 10.7 .5 3.1 .9 .5 .1 5.2 9.0 .1 2.4 3.8 1.8 .8 .2 9.0 12.4 .3 .4 .8 .4 .1 .1 .1 2.2 11.6 .4 .6 2.2 .4 3.7 10.2

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88

		LS	דט סד דו	C: + 5					MONTH	: MAR	HOUR	s: 21-2	3	
DIRECTION (DEGREES)		5-9	10-14	15 - 19		PEED IN 25-29		35 - 39	40-49	50-64	GE 65	TOTAL	MEAN WIND	MEDIAN WIND
(N) 350-010	3.9	4.4	2.0			•••••	•••••	• • • • • • •	•••••	* * * * * * * *		10.3	6.2	5.5
020 - 040	3.2	4.0	.4	.1								7.7	5.3	5.0
050-070	3.7	2.2	.8	.4								7.0	6.1	4.0
(E) 080-100	4.0	3.0	.6									7.6	5.0	4.Û
110-130	2.7	5.7	.9	.4								9.7	6.5	6.0
140-160	4.0	7.4	3.3	1.3								16.0	7.6	7.0
(S) 170-190	2.6	4.4	1.1	1.2		.1						9.4	7.6	6.0
200-220	1.3	2.4	.9		.2							4.7	7.1	6.0
230-250	1.7	3.1	1.0		.1							5.9	6.7	7.0
(W) 260-280	1.6	5.8	2.7	.4	.3							10.9	8.4	8.0
290-310	.9	2.7	.9	.3	.2							4.9	8.5	8.0
320-340	1.1	1.9	.6	.4	.1							4.2	7.9	6.0
VARIABLE	:					• • • • • • •	• • • • • •	•••••	• • • • • •	· · · · · · ·	•••••			•••••
CALM	////////	111111	//////	//////	//////	//////	//////	///////	///////	'//////	1111111	1.6	/////	111111
TOTALS	30.7	47.0	15.2	4.5	.9	.1						100.0	6.8	6.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88

LST TO UTC: + 5	MONTH: MAR	HOURS: ALL
20. 10 0.0.	***************************************	

		LS	1 10 01	C: + 5					MUNIF	1: MAK	HUUR	S: ALL		
DIRECTION	1-4	5-9	10-14	15-19		PEED IN 25-29		35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)	 I		• • • • • •	• • • • • • •	• • • • • •	• • • • • • •			• • • • • • •		••••••	 %	WIND	WIND
(N) 350-010	1.9	4.6	3.5	3		•••••				• • • • • • •	• • • • • • •	10.2	8.0	8.0
020-040	1.8	3.9	1.4	.0								7.1	6.8	7.0
050-070	2.2	3.1	2.1	.4								7.8	7.7	7.0
(E) 080-100	2.2	3.6	1.4	.1								7.4	6.8	6.0
110-130	1.6	3.8	2.3	.4								8.0	7.9	8.0
140-160	1.8	4.7	4.3	1.7	.2	.0						12.7	9.6	9.0
(S) 170-190	1.8	3.5	1.8	.6	.1	.0						7.8	8.0	7.0
200-220	1.2	2.6	1.7	.6	.1	.0						6.3	8.8	8.0
230-250	1.1	3.5	1.5	.5	.3	.1						7.0	8.7	7.0
(W) 260-280	1.9	3.8	2.3	1.0	.6	.1	.0					9.6	9.4	8.0
290-310	1.9	2.5	1.5	.7	.2	.1						6.9	8.4	7.0
320-340	2.2	3.0	2.3	.8	.0							8.3	8.1	8.0
VARIABLE	 			• • • • • •			• • • • • •						• • • • • •	•••••
CALM	1///////	//////	//////	//////	//////	1111111	//////	11!1111	///////	///////	1111111	.8	/////	11111
TOTALS	21.6	42.6	26.1	7.1	1.5	.3						100.0	8.2	8.0
			τo	TAL NUM	BER OF	OBSERVA	TIONS	7440						

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88

LST TO UTC: + 5

MONTH: MAR HOURS: ALL

CATEGORY A:	CEILING GE 200 BUT LESS THAN 1500	FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
	AND /OP	

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

			• • • • • •									• • • • • • •	• • • • • • •	• • • • • • • • • • • • • • • • • • • •
DIRECTION	1-4	5-9	10-14	15 - 19		39EED IN 25-29		35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)		• • • • • •	• • • • • • •	• • • • • •		• • • • • • •	• • • • • • •		•••••		•••••	%	WIND	WIND
(N) 350-010	2.7	8.7	6.8	• • • • • •	• • • • • • •	•••••					•••••	18.2	7.9	8.0
020-040	1.5	5.3	1.9	.4								9.1	7.1	6.5
050-070	.8	-4	.8	.4								2.3	8.8	10.0
(E) 080-100	! .8	1.1	1.5	-4								3.8	9.2	9.5
110-130	.4	.8										1.1	6.3	7.0
140-160	8.	1.5	-4		.4							3.0	8.6	7.5
(S) 170-190	1.5	4.2	1.9									7.6	7.3	8.0
200-220	.4	4.5	1.5	1.1								7.6	9.3	8.5
230-250	8.	3.4	.8									4.9	7.3	7.0
(W) 260-280	2.7	5.7	1.9	-4	.8	1.1						12.5	9.5	7.0
290-310	3.8	2.3	2.7	1.1		.4						10.2	8.7	8.0
320-340	4.2	6.8	5.3	1.5								17.8	8.0	8.0
VARIABLE	: 	•••••	• • • • • •	•••••	• • • • • • •						•••••	• • • • • • •	• • • • • •	
CALM	 ///////	111111	//////	//////	//////	///////	//////	///////	////////	///////	///////	1.9	/////	111111
TOTALS	20.4	44.7	25.5	5.3	1.2	1.5						100.0	8.1	8.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5

MONTH: APR HOURS: 00-02

		LS	1 10 01	C: + 5					MUNIF	: APK	HOUR	S: UU-U	2	
DIRECTION (DEGREES)	1-4 	5-9	10-14	15-19		SPEED IN 25-29		35-39	40-49	50-64	GE 65	TOTAL	MEAN WIND	MEDIAN WIND
(N) 350-010	2.7	2.0	.3		•••••	•••••	•••••	• • • • • • •	• • • • • • •	••••••		5.0	5.0	4.0
020-040	2.2	1.7										3.9	4.5	4.0
050-070	2.2	.6	.3									3.1	4.4	4.0
(E) 080-100	3.2	3.0	1.1									7.3	5.3	5.0
110-130	3.2	4.9	.8	.4								9.3	6.4	6.0
140-160	3.1	6.8	1.3									11.2	6.2	6.0
(S) 170-190	3.6	5.3	1.2	.1								10.2	6.2	6.0
200-220	2.7	5.0	.6									8.2	5.6	5.0
230-250	3.4	6.9	1.0									11.3	5.9	6.0
(W) 260-280	4.8	8.4	1.3									14.6	5.7	6.0
290-310	3.4	4.0	.8	.2								8.4	5.7	5.0
320-340	2.7	1.9	.1		.1							4.8	5.0	4.0
VARIABLE	 		•••••			••••••		•••••		••••	• • • • • • • • • • • • • • • • • • • •		• • • • • •	•••••
CALM	///////	//////	//////	//////	//////	///////	1111111	///////	////////	111111	///////	2.6	/////	/////
TOTALS	37.2	50.5	8.8	.7	, 1							100.0	5.6	5.0

PERCETAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5

MONTH: APR HOURS: 03-05

		LS	10 01	L: + 3					MONTH	I: APK	HOUK	S: U3-U	>	
DIRECTION (DEGREES)	,	5-9	10-14	15-19		SPEED IN 25-29		35-39	40-49	50-64	GE 65	TOTAL	MEAN WIND	MEDIAN WIND
(N) 350-010	3.3	3.0	.3		•••••	• • • • • • • •			•••••	•••••	• • • • • • • •	6.7	4.9	4.5
020-040	1.6	1.6										3.1	4.5	4.5
050-070	3.0	.4	.4									3.9	4.0	3.0
(E) 080-100	2.4	3.6	.4									6.4	5.2	5.0
110-130	3.3	3.9	.9	.2								8.3	5.7	5.0
140-160	3.3	3.0	1.0									7.3	5.7	5.0
(S) 170-190	3.0	5.2	1.0	.4								9.7	6.4	5.0
200-220	3.2	4.9	.8									8.9	5.5	5.0
230-250	4.4	5.6	.3	.2								10.6	5.3	5.0
(W) 260-280	6.4	7.2	.9									14.6	5.1	5.0
290-310	5.7	4.8	.8									11.4	5.3	4.0
320-340	2.8	3.7	.3									6.8	5.1	5.0
VARIABLE	¦ 		• • • • • • •		• • • • • •	• • • • • • •	• • • • • •		•••••		• • • • • • • • • • • • • • • • • • • •	• • • • • • • •		•••••
CALM	1///////	(/////	//////	//////	//////	(///////	//////	//////	///////	//////	'//////	2.6	/////	/////
TOTALS	 42.4	46.9	7.1	.8								100.0	5.2	5.0
			τo	TAL NUM	BER OF	OBSERVA	TIONS	900						

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: APR HOURS: 06-08

		LS	T TO UT	C: + 5					MONTH	: APR	HOUR	S: 06-0	8	
DIRECTION (DEGREES)	1-4 	5-9	10-14	15-19		SPEED IN 25-29		35-39	40-49	50-64	GE 65	TOTAL	MEAN WIND	MEDIAN WIND
(N) 350-010	3.2	2.2	.4	.1		******	•••••	•••••	•••••		•••••	6.0	5.0	4.0
020-040	2.0	1.1	.1									3.2	4.4	4.0
050-070	1.0	1.7	.9	.1								3.7	7.2	7.0
(E) 080-100	3.0	2.9	1.1									7.0	5.7	5.0
110-130	2.4	3.9	.8	.1								7.2	5.8	5.0
140-160	3.1	3.3	1.0	.3	.1							7.9	6.1	5.0
(S) 170-190	4.0	3.3	1.4	.6	.1							9.4	6.5	5.0
200-220	2.6	4.6	1.3									8.4	6.2	6.0
230-250	3.7	5.0	1.2	.2								10.1	6.2	6.0
(W) 260-280	4.3	5.7	.3									10.3	5.1	5.0
290-310	4.6	6.7	2.2									13.4	6.2	6.0
320-340	3.4	6.0	1.6									11.0	6.1	6.0
VARIABLE	 	• • • • • •		• • • • • • • • • • • • • • • • • • • •		•••••		•••••	• • • • • •			•••••	• • • • • •	
CALM	///////	//////	//////	//////	///////	///////	///////	///////	'//////	//////	///////	2.2	/////	/////
TOTALS	37.3	46.4	12.3	1.4	.2							100.0	5.8	5.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: APR HOURS: 18-20

		LS	10 01	L: + J					MUNIT	II APR	ROOK	3: 10-21	,	
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19		SPEED IN 25-29		35-39	40-49	50-64	GE 65	TOTAL	MEAN WIND	MEDIAN WIND
(N) 350-010	2.4	4.6	1.8		• • • • • •	• • • • • • •				• • • • • •	• • • • • • • •	8.8	6.8	6.0
020-040	3.0	6.1	1.1	.1								10.3	6.1	5.0
050-070	2.4	3.2	1.7	.2								7.6	6.9	6.0
(E) 080-100	3.8	7.6	1.7									13.0	6.1	5.0
110-130	3.2	12.3	3.9	.1								19.6	7.2	7.0
140-160	1.9	7.4	4.7	1.3								15.3	8.7	8.0
(S) 170-190	1.2	1.7	.7									3.6	6.5	6.0
200-220	.6	1.1	.8	.3								2.8	8.4	8.0
230-250	.9	3.4	2.6	.4	.1			•				7.4	9.3	9.0
(W) 260-280	.2	4.7	2.8	.9								8.6	9.7	9.0
290-310		.8	.3	.2								1.3	9.9	9.0
320-340	.3	.3	.8	.1								1.6	9.3	10.0
VARIABLE			•••••		• • • • • •	• • • • • • •	• • • • • •			• • • • • •	• • • • • • •	•••••		•••••
CALM	1111111	//////	1111111	//////	//////	////////	//////	///////	///////	//////	///////	.2	/////	1/////
TOTALS	19.9	53.2	22.9	3.6	.1							100.0	7.6	7.0
			TO	TAL NUM	BER OF	OBSERVA	TIONS	900						

C - 4 - 31

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5 MONTH: APR HOURS: 21-23

		La	10 01	C. + J					1101111	. AFK	11001		-	
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19		SPEED IN 25-29		35-39	40-49	50-64	GE 65	TOTAL	MEAN WIND	MEDIAN WIND
(DEGREES)	I 										 .			
(N) 350-010	3.0	2.6	.2									5.8	4.8	4.0
020-040	4.4	2.7	.2									7.3	4.5	4.0
050-070	2.9	1.8	1.3									6.0	5.9	5.0
(E) 080-100	2.9	5.8	.8									9.4	5.8	5.0
110-130	2.2	8.1	1.6	.1								12.0	6.5	6.0
140 - 160	2.8	6.6	3.2	.8								13.3	7.5	7.0
(S) 170-190	5.6	3.8	.7	.2								10.2	5.1	4.0
200-220	1.6	3.2	.6	. 1								5.4	6.5	6.0
230-250	2.2	6.0	.9	.3								9.4	6.6	6.0
(W) 260-280	1.9	7.1	8.5	.1	.1							12.0	7.3	7.0
290-310	1.7	1.4	.7		.1							3.9	6.2	6.0
320-340	1.6	1.3	.2									3.1	5.5	4.5
VARIABLE	 [• • • • • • •			•••••			• • • • • •	•••••		•••••	• • • • • • •	• • • • • •	
CALM	1//////	//////	1111111	//////	11/1//	(1/1////	//////	(//////	///////	//////	//////	/ 2.0	/////	(/////
TOTALS	32.8	50.4	13.2	1.6	.2							100.0	6.1	5.5
			7.0		ED OF (DOCEDIAL	1000	000						

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: APR HOURS: ALL

		LS	וע סז זי	C: + 5					MONTE	I: APR	HOUR	S: ALL		
DIRECTION	1-4	5-9	10-14	15-19		SPEED IN 25-29		35 - 39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)		• • • • • •	•••••	•••••			•••••		• • • • • • •	• • • • • •	• • • • • • •	%	WIND	WIND
(N) 350-010	1.9	3.1	2.3	.2			•••••	• • • • • • •	• • • • • • •	•••••	• • • • • • •	7.6	7.6	8.0
020-040	1.8	3.4	1.6	.1								6.9	7.1	7.0
050-070	1.6	3.0	1.4	.3								6.4	7.5	7.0
(E) 080-100	2.0	4.7	2.1	.2								9.0	7.1	7.0
110-130	1.9	6.1	3.2	.3								11.5	7.8	8.0
140 - 160	1.9	4.7	3.9	1.0	.1	.0						11.5	8.8	9.0
(S) 170-190	2.3	3.0	1.2	.5	.0							7.0	7,1	6.0
200-220	1.6	3.6	1.6	.3	.0							7.2	7.4	7.0
230-250	2.1	4.6	2.2	.4	.1							9.4	7.5	7.0
(W) 260-280	2.4	5.1	2.3	.7	.1							10.6	7.6	7.0
290-310	2.1	3.1	1.2	.2	.0							6.6	6.8	6.0
320-340	1.4	2.4	1.0	.2	.0							5.1	7.1	7.0
VARIABLE	! 		•••••	•••••	••••		•••••	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	•••••		•••••
CALM	///////	//////	//////	//////	/////	///////	///////	(//////	///////	//////	///////	1.2	/////	//////
TOTALS	23.0	46.8	24.0	4.4	.3							100.0	7.5	7.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 MONTH: APR HOURS: ALL

LST TO UTC: + 5

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

	• • • • • • • •	• • • • • •		•••••		PEED IN			•••••	•••••		••••	•••••	
DIRECTION	1-4	5-9	10-14	15-19	20-24	25 - 29	30-34	35 - 39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)	l	• • • • • •	•••••	•••••		•••••	•••••	•••••	•••••	•••••		%	MIND	MIND
(N) 350-010	3.8	5.6	1.9	.6	• • • • • •	•••••	•••••	•••••	•••••		•••••	11.9	6.9	7.0
020-040	.6		.6									1.3	8.5	8.5
050-070	! 	.6	.6									1.3	8.5	8.5
(E) 080-100	.6	1.9	1.3									3.8	6.7	6.0
110-130	1.3	1.3	.6									3.1	5.4	6.0
140-160	1.9	1.3	1.3	.6								5.0	7.5	6.0
(\$) 170-190	i 1.9	1.3	2.5	1.3								6.9	9.3	10.0
200-220	3.1	6.9	5.0									15.0	7.5	6.5
230-250	1.3	8.1	1.3									10.6	6.5	6.0
(W) 260-280	5.6	7.5	1.3									14.4	5.4	5.0
290-310	1.9	8.1	1.3									11.3	7.2	7.5
320-340	3.8	5.0	2.5	1.9								13.1	8.0	7.0
VARIABLE			•••••	• • • • • • •				• • • • • • •			•••••	• • • • • • •		•••••
CALM	11/1////	11////	//////	//////	//////	///////	//////	//////	1111111	//////	1111111	2.5	/////	/////
TOTALS	25.8	47.6	20.2	4.4								100.0	6.9	6.5

TOTAL NUMBER OF OBSERVATIONS 160

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88

STATION NONDE	K. 141743	LS	T TO UT	C: + 5	JA 01101	TEE ENIT	D1110 11	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	MONTH	: MAY	HOUR	s: 00-02	2	~
***********	• • • • • • • • •	• • • • •	• • • • • •			PEED IN		• • • • • •			•••••	• • • • • • •	•••••	•••••
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.4	2.6	.5			••••		• • • • • • •		•••••	• • • • • • •	4.5	6.0	5.5
020-040	2.8	1.7	.4									4.9	5.2	4.0
050-070	2.9	3.4	.9									7.2	5.8	5.0
(E) 080-100	5.2	4.9	.9									11.0	5.1	5.0
110-130	6.8	6.6	.6									14.0	4.8	5.0
140-160	6.7	6.2	.9									13.8	5.0	5.0
(S) 170-190	5.4	5.4	1.1									11.8	5.2	5.0
200-220	2.5	4.2	.8									7.4	5.6	5.0
230-250	2.0	2.5	.4									4.9	5.3	5.0
(W) 260-280	2.9	5.4	.4									8.7	5.3	5.0
290-310	3.1	2.0	. 1									5.3	4.6	4.0
320-340	1.7	.5		-1								2.4	÷.3	3.0
VARIABLE	: 		• • • • • •			•••••								
CALM	 ////////	(11111	//////	1111111	//////	///////	111111	(//////	1111111	//////	111111	4.1	(1/1//	11111
TOTALS	43.4	45.4	7.0	.1								100.0	5.0	5.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5 PERIOD OF RECORD: NOV 78 - OCT 88

	• • • • • • • •	• • • • • •		• • • • • • •	WIND S	PEED IN	KNOTS			• • • • • •		• • • • • •	• • • • • •	• • • • • •
DIRECTION (DEGREES)	1-4 	5-9	10-14	15-19		25-29		35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	2.4	1.7	.3			•••••		•••••		•••••	•••••	4.4	4.9	4.0
020-040	3.3	3.0	.1									6.5	4.7	4.0
050-070	3.2	2.4	.6									6.2	5.0	4.0
(E) 080-100	5.3	5.2	.4									10.9	4.9	5.0
110-130	6.8	2.7	.4									9.9	4.1	3.0
140-160	5.5	3.2	.3									9.0	4.6	4.0
(S) 170-190	6.7	6.2	.3									13.2	4.8	4.0
200-220	3.0	4.3	.6	.1								8.1	5.5	5.0
230-250	3.1	2.6										5.7	4.7	4.0
(W) 260-280	4.0	3.3	.1									7.4	4.2	4.0
290-310	4.8	2.9										7.7	4.2	4.0
320-340	4.1	1.1										5.2	3.6	3.5
VARIABLE	! • • • • • • • • • • • • • • • • • • •	•••••	•••••	• • • • • • •		•••••					• • • • • • •	•••••	• • • • • •	
CALM	11/////	11/1//	//////	//////	//////	'//////	//////	///////	1111111	//////	1111111	5.8	//////	/////
TOTALS	52.2	38.6	3.1	.1								100.0	4.3	4.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88

LST TO UTC: + 5 MONTH: MAY HOURS: 06-08

		• • • • • • •		• • • • • •	UIND S	PEED IN	KNOTS		• • • • • • •	• • • • • •	•••••	• • • • • •		• • • • • • • • • • • • • • • • • • • •
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19		25-29		35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	2.9	1.8	.9	.1	• • • • • •	•••••		• • • • • • • •	•••••	• • • • • • •	•••••	5.7	5.5	4.0
020-040	2.8	2.8	.6									6.2	5.1	5.0
050-070	3.1	3.8	.8									7.6	6.0	6.0
(E) 080-100	3.3	5.4	.9	.1								9.7	5.8	5.0
110-130	5.7	4.3	.6	.1								10.8	4.9	4.0
140-160	4.8	2.9	.9									8.6	5.2	4.0
(S) 170-190	4.8	4.4	1.5									10.8	5.6	5.0
200-220	2.4	3.3	1.4	.1								7.2	6.2	6.0
230-250	2.8	4.0	.8									7.5	5.8	5.0
(W) 260-280	3.3	3.8	.8									7.8	5.2	5.0
290-310	4.5	2.5	.3									7.3	4.5	4.0
320-340	4.2	2.0	.2	.1								6.6	4.5	4.0
VARIABLE	! 	• • • • • •	• • • • • • •	• • • • • • •										
CALM	 ////////				,,,,,,,	,,,,,,,		,,,,,,,	,,,,,,		,,,,,,,	4 2	//////	,,,,,,
					1111111	//////	111111	1111111	1111111	111111	1111111			
TOTALS	44.6	41.0	9.7	.5								100.0	5.2	5.0
			TO	TAL NUM	BER OF	OBSERVA	TIONS	930						

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND PEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5 MONTH: MAY HOURS: 18-20

		LS	10 01	L: + 3					MUNIF	1: MAT	HOUR	S: 18-2	U	
DIRECTION (DEGREES)	1 1-4	5-9	10-14	15-19		SPEED IN 25-29		35-39	40-49	50-64	3E 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.3	2.9	2.9	• • • • • •		• • • • • • •	• • • • • •	•••••	•••••	••••••		6.1	9.5	9.0
020-040	3.2	4.5	1.9	.2								9.9	7.0	7.0
050-070	2.4	7.2	1.3									10.9	6.6	6.0
(E) 080-100	4.4	11.9	1.5									17.8	6.2	6.0
110 - 130	2.8	15.7	5.2	.1								23.8	7.4	7.0
140-160	1.8	11.1	5.1	.4								18.4	8.1	8.0
(S) 170-190	.6	2.3	1.1									4.0	7.7	8.0
200-220	.6	1.0	.8									2.4	7.0	7.0
230-250	.2	.9	.4									1.5	7.7	7.5
(W) 260-280	.3	1.7	.8	.2								3.0	8.4	6.5
290-310	.1	.5	.8	.1								1.5	9.4	10.0
320-340	1	.3	.1									.5	7.2	9.0
VARIABLE	: !	• • • • • •	• • • • • •	• • • • • • •		•••••		• • • • • • •	• • • • • • • • • • • • • • • • • • • •		•••••	• • • • • •	• • • • • • •	• • • • • • • • • • • • • • • • • • • •
CALM	1//////	//////	//////	//////	//////	1111111	(1/1///	//////	//////	//////	//////	.2	//////	/////
TOTALS	16.8	60.0	21.9	1.0								100.0	7.3	7.0
			TO	TAL NUMI	BER OF	OBSERVA	TIONS	931						

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5 MONTH: MAY HOURS: 21-23

			• • • • • • •	• • • • • •	WIND S	PEED IN	KNOTS	• • • • • • •	• • • • • • •		• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.7	2.8	.8		•••••	•••••	•••••	• • • • • • •	•••••			5.3	6.2	6.0
020-040	2.7	3.3	.8									6.8	5.7	5.0
050-070	4.3	2.6	.9	.2								8.0	5.3	4.0
(E) 080-100	6.0	7.8	.8									14.6	5.1	5.0
110-130	7.7	11.3	.9									19.9	5.5	5.0
140-160	5.6	9.8	1.3	. 1								16.8	5.9	5.0
(S) 170-190	3.5	5.1	.8	. 1								9.5	5.7	5.0
200-220	1.9	3.3	.3	.1								5.7	6.0	6.0
230 - 250	1.5	1.5	.3									3.3	5.4	5.0
(W) 260-280	1.4	2.9	.5	.1								4.9	6.1	5.0
290-310	1.2	.8	.4									2.4	5.9	4.5
320-340	1.0	.1	.3									1.4	5.5	4.0
	} :													
VARIABLE	ļ													
CALM	11111111	(111111	///////	/!////	//////	'//////	//////	'//////	///////	//////	//////	/ 1.5	/////	//////
TOTALS	38.5	51.3	8.1	,6								100.0	5.5	5.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5 MONTH: MAY HOURS: ALL

		LJ	. 10 01	· · ·					1101111	· · · · · · · · · · · · · · · · · · ·	II OOK	J. ALL		
DIRECTION	1-4	5-9	10-14	15-19		25-29		35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)	l	•••••	- • • • • •	• • • • • •	•••••	• • • • • • • •			•••••		•••••	%	WIND	WIND
(N) 350-010	1.2	2.2	2.1	.3		• • • • • • •				•••••	• • • • • • •	5.8	8.4	8.0
020-040	2.0	3.5	1.9	.3								7.6	7.4	7.0
050-070	2.1	5.3	2.9	.1								10.4	7.5	8.0
(E) 080-100	3.3	7.2	2.9	.1								13.4	6.9	7.0
110-130	4.0	8.5	3.9	.1								16.5	7.0	7.0
140-160	3.4	6.0	3.3	.4	.0							13.0	7.4	7.0
(S) 170-190	3.0	3.7	1.1	.1								7.9	6.0	5.0
200-220	1.6	3.4	1.4	.3								6.7	7.1	7.0
230-250	1.4	2.5	.5	.1	.0							4.5	6.3	6.0
(W) 260-280	1.6	2.8	.8	.1	.0							5.4	6.4	6.0
290-310	1.9	1.6	.5	.1								4.0	5.6	5.0
320-340	1.5	1.0	.2	.0								2.8	5.2	4.0
VARIABLE			• • • • • • •		• • • • • •		• • • • • •			•••••	• • • • • • •	• • • • • •		•••••
CALM	 ////////	//////	//////	//////	//////	7//////	//////	11/1///	///////	///////	//////	2.0	/////	//////
TOTALS	27.0	47.7	21.5	2.0								100.0	6.8	7.0
			70	T A 1 A11 144	050 05	ODCEDVA		7//0						

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 77945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88

LST TO UTC: + 5 MONTH: MAY HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS). AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

			40.44	45 40		PEED IN								
DIRECTION	1-4 	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)	1											%	WIND	WIND
(N) 350-010		• • • • • • •	12.6	•••••	•••••	•••••	•••••	•••••	•••••			12.6	12.1	12.0
020-040			3.4									3.4	13.3	13.0
050-070		1.1										1.1	7.0	7.0
(E) 080-100	1.1	1.1	2.3									4.6	7.3	7.5
110-130	1.1	1.1	4.6									6.9	9.5	10.5
140-160	1.1	1.1			1.1							3.4	10.0	7.0
(S) 170-190		1.1	3.4	1.1								5.7	10.6	10.0
200-220		1.1	2.3									3.4	9.3	10.0
230-250	3.4	13.8	4.6									21.8	7.7	8.0
(W) 260-280	4.6	6.9	1.1									12.6	5.5	6.0
290-310	3.4	9.2										12.6	6.1	7.0
320-340	1.1	3.4	4.6									9.2	8.5	9.0
VARIABLE		• • • • • • •	•••••		• • • • • • • •	•••••	•••••	• • • • • • •			• • • • • •		• • • • • •	• • • • • • •
CALM	1//////	//////	//////	//////	//////	///////	//////	//////	///////	//////	//////	2.3	//////	11111
TOTALS	15.8	39.9	38.9	1.1	1.1							100.0	8.3	8.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5 MONTH: JUN HOURS: 00-02

		LS	10 01	C: + 5					MONTH	1: JUN	HOUR	S: UU-U	2	
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19		SPEED IN 25-29		35-39	40-49	50-64	GE 65	TOTAL	MEAN WIND	MEDIAN WIND
(N) 350-010	1.7	.8	.2	•••••				• • • • • • •	•••••	• • • • • •	•••••	2.7	4.2	4.0
020-040	3.2	1.7	.3									5.2	4.8	4.0
050-070	3.3	2.0	.1									5.4	4.6	4.0
(E) 080-100	4.9	5.1	.1									10.1	4.7	5.0
110-130	5.1	3.3	.2	.1								8.8	4.6	4.0
140-160	8.2	3.9	.1									12.2	4.0	4.0
(S) 170-190	7.8	5.9										13.7	4.3	4.0
200-220	4.9	9.0	.4									14.3	5.4	5.0
230-250	5.2	4.9	.4									10.6	5.0	5.0
(W) 260-280	3.9	2.4										6.3	4.2	4.0
290-310	2.4	.9										3.3	3.8	3.0
320-340	1.2	.2										1.4	2.8	3.0
VARIABLE		• • • • • • •	•••••	•••••			• • • • • • •		•••••	• • • • • • •	•••••	•••••		•••••
CALM	///////	//////	//////	//////	//////	'//////	;;;;;;	1111111	1/////	'//////	//////	5.9	/////	/////
TOTALS	51.8	40.1	1.8	.1								100.0	4.3	4.0
			то	TAL NUM	BER OF	OBSERVA	TIONS	900						

c - 4 - 42

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5 MONTH: JUN HOURS: 03-05

									HORT	. 504	11001	J. 05 0.	•	
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19		SPEED IN 25-29		35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	2.6	1.0			• • • • • •		• • • • • •	• • • • • •	• • • • • •			3.6	3.5	4.0
020-040	2.6	.9	.6									4.0	4.3	4.0
050-070	2.9	2.2	.2									5.3	4.8	4.0
(E) 080-100	5.6	2.9	.2									8.7	4.1	4.0
110-130	3.4	1.4										4.9	3.6	3.0
140-160	5.2	1.4	.2									6.9	3.5	3.0
(S) 170-190	9.1	6.4	.1	.1								15.8	4.1	4.0
200-220	4.7	7.4	.4									12.6	5.3	5.0
230-250	6.3	6.6	.2									13.1	4.6	5.0
(W) 260-280	6.0	3.2										9.2	3.8	4.0
290-310	5.0	.3										5.3	2.8	3.0
320-340] 3.1 	.1										3.2	2.9	3.0
VARIABLE	: !	• • • • • •	• • • • • • •	• • • • • •		• • • • • • • •	• • • • • •			• • • • • •		• • • • • • •	• • • • • •	•••••
CALM	 ///////	//////	//////	//////	//////	1111111	//////	///////	1111111	//////	///////	7.4	//////	//////
TOTALS	56.5	33.8	1.9	.1								100.0	3.8	4.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: JUN HOURS: 06-08

•••••	• • • • • • • •			• • • • • •	WIND S	PEED IN	KNOTS	• • • • • • •	•••••		•••••	• • • • • •		• • • • • • •
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19		25-29		35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	3.4	.7	• • • • • • •	• • • • • • •	• • • • • •	•••••	• • • • • •	•••••		•••••	*****	4.1	3.5	3.0
020-040	2.9	1.8	.4	.1								5.2	4.7	4.0
050-070	3.7	3.3	.2									7.2	4.7	4.0
(E) 080-100	4.0	3.3	.8									8.1	5.2	5.0
110-130	2.9	1.7	.1									4.7	3.9	4.0
140-160	3.1	2.1	.2		.1	.1						5.7	5.2	4.0
(S) 170-190	5.0	4.3	.7			.1						10.1	4.9	5.0
200-220	4.2	8.8	.7									13.7	5.8	6.0
230-250	5.3	8.3	.8									14.4	5.6	5.0
(W) 260-280	4.2	4.6	.1									8.9	4.8	5.0
290-310	6.2	2.1										8.3	3.7	4.0
320-340] j 3.1 l	.8										3.9	3.3	3.0
VARIABLE	: 	· · · · · ·	• • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • •	•••••	• • • • • •				•••••			
CALM	 ///////	//////	//////	//////	//////	1111111	//////	//////	//////	//////	1111111	5.7	/////	111111
TOTALS	1 48.0	41.8	4.0	. 1	.1	.2						100.0	4.6	4.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: JUN HOURS: 09-11

		LS	דט טז	C: + 5					MONTH	i: JUN	HOUR	S: 09-1	ł	
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19		SPEED IN 25-29		35-39	40-49	50-64	GE 65	TOTAL	MEAN WIND	MEDIAN WIND
(N) 350-016	1.6	1.6	1.0	• • • • • • •		•••••		•••••			• • • • • • •	4.1	6.5	6.0
020-040	1.6	4.0	2.1									7.7	7.3	7.0
050-070	8.	5.7	3.0									9.4	7.9	8.0
(E) 080-100	1.8	7.1	2.1									11.0	7.3	8.0
110-130	1.7	3.8	1.9									7.3	7.0	7.0
140-160	1.0	2.9	.9	.2								5.0	7.2	7.0
(S) 170-190	1.3	3.4	.8		.1		.2					5.9	7.6	6.0
200-220	4.0	7.6	2.6									14.1	6.6	7.0
230-250	2.8	10.4	1.6	.4								15.2	6.9	7.0
(W) 260-280	1.6	5.3	2.0	. 1								9.0	7.1	7.0
290-310	2.4	4.2	.3									7.0	5.8	5.0
320-340	i 1.7 	1.4	.1									3.2	4.9	4.0
VARIABLE			•••••	• • • • • • • • • • • • • • • • • • • •	•••••	•••••	• • • • • •	•••••	•••••	• • • • • • •	•••••	•••••		
CALM	1111111	//////	///////	1111111	111111	///////	//////	//////	//////	(1/////	///////	1.0	/////	111111
TOTALS	22.3	57.4	18.4	.7	.1		.2					100.0	6.9	7.0
			7.0	TA: M.	10E0 OE	ODCERVA	TIONS	000						

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88

LST TO UTC: + 5 MONTH: JUN HOURS: 12-14

		LS	זט טז זי	C: + 5					MONTH	I: JUN	HOUR	S: 12-14	•	
DIRECTION (DEGREES)	1 1-4	5-9	10-14	15-19		SPEED IN 25-29		35-39	40-49	50-64	GE 65	TOTAL	MEAN WIND	MEDIAN WIND
(N) 350-010	.7	1.4	1.4			• • • • • • •				•••••		3.6	8.0	8.5
020-040	.7	6.3	3.7	.4								11.1	8.7	9.0
050-070	.6	12.8	4.4	.4								18.2	8.2	8.0
(E) 080-100	.6	13.3	4.7									18.6	8.3	8.0
110-130	.6	6.7	3.3	.3								10.9	8.4	8.5
140-160	1.7	3.8	2.3	.3								8.1	8.1	8.0
(S) 170-190	.8	2.1	.8									3.7	7.1	7.0
200-220	.8	4.6	1.1	.2								6.7	7.5	7.0
230-250	1.1	5.7	1.7	.3	.1							8.9	8.0	8.0
(W) 260-280	.6	3.2	1.4	.1								5.3	8.2	8.0
290-310	.8	1.4	.4	.2								2.9	6.7	6.0
320-340	.6	1.0	.2	.1								1.9	6.7	7.0
VARIABLE	,				• • • • • •	•••••			••••	•••••			• • • • • •	
CALM	11/1///	//////	//////	//////	//////	///////	//////	'//////	///////	'//////	///////	.2	/////	//////
TOTALS	9.6	62.3	25.4	2.3	.1							100.0	8.1	8.0
			то	TAL NUM	BER OF	OBSERVA	TIONS	900						

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C - 4 - 46

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROMHOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5 MONTH: JUN HOURS: 15-17

			1 10 01						NON I	. 0011	HOOK	J. 1J 11	,	
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19		PEED IN 25-29		35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIA:
N) 350-010	.3	1.6	1.3	.1	•••••		• • • • • •	•••••	• • • • • • •	•••••		3.3	8.8	9.0
020-040	.2	3.3	3.6	.7	.1							7.9	9.9	10.0
050-070	.9	8.9	5.4	.3								15.6	8.5	9.0
2) 080-100	1.8	15.0	6.6									23.3	8.1	8.0
110-130	1.2	13.6	6.1	.7								21.6	8.5	8.0
140-160	.7	4.7	5.3	1.1								11.8	9.8	10.0
3) 170-190	.2	2.4	1.1	.3								4.1	8.5	8.0
200-220	.8	1.1	.9		.1							2.9	7.9	7.0
230-250	.6	2.1	1.0	.1								3.8	8.0	8.0
1) 260-280	.3	1.7	.4	.1								2.6	7.7	8.0
290-310	.3	.7	.4		.1							1.6	8.4	7.0
320-340	.3	.9	.1									1.3	7.2	7.5
VARIABLE		· · · · · · ·		•••••		•••••	• • • • • •			•••••				•••••
CALM	//////	//////	///////	///////	//////	7/////	//////	'//////	///////	'//////	///////	.3	//////	'/////
TOTALS	7.6	56.0	32.2	3.4	.3							100.0	8.6	9.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLELANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5 MONTH: JUN HOURS: 18-20

• • • • • • • • • • • • • • • • • • • •		•••••	• • • • • •	• • • • • •	WIND S	PEED IN	KNOTS	• • • • • • •			•••••			• • • • • • •
DIRECTION (DEGREES)	1 1-4	5-9	10-14	15-19		25-29		35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.7	1.1	.4	•••••		•••••	• • • • • •			•••••		3.2	5.6	4.0
020-040	2.4	2.9	1.3	.4								7.1	7.1	6.5
050-070	2.9	6.2	1.4									10.6	6.3	7.0
(E) 080-100	4.7	8.6	.9									14.1	5.9	6.0
110-130	5.2	14.1	1.7	.1								21.1	6.2	6.0
140-160	2.3	10.6	4.7	.4								18.0	7.7	7.0
(S) 170-190	3.6	5.0	1.9		.1							10.6	6.5	5.0
200-220	1.8	2.7	1.4		.2							6.1	7.2	6.0
230-250	.9	1.7	.3									2.9	6.1	6.0
(W) 260-280	.7	1.6	.3									2.6	6.3	7.0
290-310	8.	.7	.1									1.6	4.6	4.5
320-340	.6	.4	.1									1.1	5.0	4.5
	! : • • • • • • • • •						. 					• • • • • •		
VARIABLE	l j													
CALM	11111111	//////	//////	//////	//////	//////	//////	///////	//////	//////	///////	1.1	//////	//////
TOTALS	27.6	55.6	14.5	.9	.3							100.0	6.5	6.0

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PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5 PERIOD OF RECORD: NOV 78 - OCT 88

		LS	וט טו	U: + 5					MONTH	I: JUN	HOUR	5: 21-2:	5	
DIRECTION (DEGREES)	1-4 	5-9	10-14	15-19	WIND SPI 20-24			35-39	40-49	50-64	GE 65	TOTAL	MEAN WIND	MEDIAN WIND
(N) 350-010	2.0	.6	.1	.1	••••••		•••••	•••••	•••••	•••••	• • • • • • •	2.8	4.5	3.0
020-040	2.3	1.0	1.0	.1								4.4	5.8	4.0
050-070	2.8	4.1	.2	.1								7.2	5.2	5.0
(E) 080-100	5.1	4.6	.4									10.1	4.7	4.0
110-130	8.6	5.4	.2									14.2	4.4	4.0
140-160	8.6	8.2	1.0									17.8	4.9	5.0
(S) 170-190	9.6	7.9										17.4	4.5	4.0
200-220	4.0	4.6	.7		.1							9.3	5.7	5.0
230-250	2.3	2.9	.4	.1								5.8	5.7	5.0
(W) 260-280	2.4	2.6	.1									5.1	4.6	5.0
290-310	1.2	.1	.1									1.4	3.3	3.0
320-340	1.0	.7										1.7	4.3	4.0
VARIABLE	! ! !		• • • • • • •		• • • • • • • • • • • • • • • • • • • •							• • • • • •		
CALM	//////	//////	//////	//////	////////	//////	/////	///////	///////	///////	//////	2.7	/////	111111
TOTALS	49.9	42.7	4.2	.4	.1							100.0	4.7	4.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88

ALL

LST TO UTC: + 5	MONTH: JUN	HOURS: A

	• • • • • • •		• • • • • • •	• • • • • • •		PEED IN					_		• • • • •	•••••
DIRECTION	j 1-4	5-9 	10-14	15-19	20-24	25-29	30-34 	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)	Į											%	WIND	WIND
(N) 350-010	1.7	1.1	.6	.0		•••••	•••••	•••••	•••••		•••••	3.4	5.6	4.0
020-040	2.0	2.7	1.6	.2	.0							6.6	7.1	7.0
050-070	2.2	5.7	1.9	.1								9.9	6.9	7.0
(E) 080-100	3.5	7.5	2.0									13.0	6.5	7.0
110-130	3.6	6.3	1.7	.2								11.7	6.4	6.0
140-160	3.8	4.7	1.8	.3	.0	.0						10.7	6.4	6.0
(S) 170-190	4.7	4.7	.7	.1	.0	.0	.0					10.2	5.2	5.0
200-220	3.1	5.7	1.0	.0	. 1							10.0	6.1	6.0
230-250] 3.1	5.3	.8	.1	.0							9.3	6.0	6.0
(W) 260-280	2.5	3.1	.6	.0								6.1	5.5	5.0
290-310	2.4	1.3	.2	.0	.0							3.9	4.5	4.0
320-340	1.4	.7	.1	.0								2.2	4.3	4.0
VARIABLE	 !			• • • • • • •	•••••	• • • • • • •								
CALM	 ///////	//////	//////	//////	//////	1111111	//////	///////	///////	//////	(1/1///	3.0	/////	111111
TOTALS	i j 34.0	48.8	13.0	1.0	.1							100.0	5.9	6.0

TOTAL NUMBER OF OBSERVATIONS 7200

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5

MONTH: JUN HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

•••••	• • • • • • •		• • • • • •	• • • • • • •	WIND S	PEED IN	KNOTS	•••••	• • • • • • •	• • • • • •	•••••	• • • • • •	• • • • • •	• • • • • • • • • • • • • • • • • • • •
DIRECTION	1-4	5-9	10-14	15-19				35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)			• • • • • •	•••••	•••••			•••••	•••••		•••••	%	WIND	WIND
(N) 350-010	2.2		• • • • • •	•••••	• • • • • • •	•••••	• • • • • •	•••••	•••••	•••••	•••••	2.2	2.5	2.5
020-040	3.4	2.2	1.1	2.2								9.0	7.6	5.0
050-070		2.2										2.2	7.5	7.5
(E) 080-100	2.2	6.7	1.1									10.1	6.8	7.0
110-130	1.1											1.1	3.0	3.0
140-160	2.2	1.1			1.1	1.1						5.6	11.8	7.0
(S) 170-190	2.2	3.4	1.1									6.7	5.8	5.0
200-220	5.6	5.6	1.1									12.4	5.9	6.0
230-250	3.4	12.4	1.1		1.1							18.0	7.4	6.5
(W) 260-280	7.9	5.6	3.4									16.9	5.9	5.0
290-310	6.7	2.2										9.0	4.1	4.0
320-340	3.4	1.1										4.5	3.0	2.5
VARIABLE	: 			• • • • • • •			• • • • • •	•••••	•••••	••••		•••••	• • • • • •	•••••
CALM	///////	//////	///////	1111111	//////	///////	//////	1111111	///////	//////	1111111	2.2	/////	7/////
TOTALS	40.3	42.5	8.9	2.2	2.2	1.1						100.0	6.2	5.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5 PERIOD OF RECORD: NOV 78 - OCT 88 MONTH: JUL HOURS: 00-02

		LS	10 01	U. + J					MONTE	1: JUL	поог	(5: 00-0	•	
DIRECTION (DEGREES)	•	5-9	10-14	15-19		SPEED IN 25-29		35-39	40-49	50-64	GE 65	TOTAL	MEAN WIND	MEDIAN WIND
(N) 350-010	1.7	 .2	• • • • • • •		••••	• • • • • • •	•••••					1.9	2.9	3.0
020-040	1.6	.2										1.8	2.9	3.0
050-070	4.0	.8	.4	.2								5.4	4.5	3.0
(E) 080-100	3.4	1.5	.3									5.3	4.3	3.0
110-130	5.2	2.7	.3									8.2	4.3	4.0
140-160	9.5	4.2										13.7	3.9	4.0
(S) 170-190	14.2	8.2	.1									22.5	4.1	4.0
200-220	7.0	7.6	.1									14.7	4.8	5.0
230-250	4.7	6.3	.5									11.6	5.0	5.0
(W) 260-280	3.5	2.6										6.1	4.4	4.0
290-310	2.4	.1										2.5	2.8	3.0
320-340	2.3	.2										2.5	2.6	3.0
VARIABLE	: !	• • • •	• • • • • •	• • • • • •		• • • • • • •				• • • • • • •	•••••		• • • • • •	• • • • • • • •
CALM	1//////	//////	//////	//////	/////	///////	//////	11/1///	1/////	///////	//////	3.9	/////	//////
TOTALS	59.5	34.6	1.7	.2								100.0	4.1	4.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5 MONTH: JUL HOURS: 03-05

			. , , , , , ,	· · ·					MONTH		,,,,,	JK3. 03 0	•	
DIRECTION (DEGREES)	1-4 	5-9	10-14	15-19		SPEED IN 25-29		35-39	40-49	50-64	GE 6	5 TOTAL	MEAN WIND	MEDIAN WIND
(N) 350-010	3.2	.1	•••••	• • • • • • •	• • • • • •		• • • • • •	• • • • • • •	•••••	******		3.3	2.4	2.0
020-040	2.8	.5	.1									3.4	3.2	2.0
050-070	3.4	.9	.3									4.6	4.1	3.0
(E) 080-100	3.9	1.1	.2									5.2	3.9	3.0
110-130	5.2	1.2	.1									6.5	3.6	3.0
140-160	7.7	2.3	.2									10.2	3.4	3.0
(S) 170-190	10.6	4.5	.3									15.5	3.9	4.0
200-220	8.5	6.9										15.4	4.2	4.0
230-250	6.1	8.3	.3									14.7	5.0	5.0
(W) 260-280	5.5	2.0	.2									7.7	4.0	4.0
290-310	4.7	.2										4.9	2.7	2.5
320-340	3.1	.2										3.3	2.6	2.0
VARIABLE	! !	• • • • • • •	• • • • • • •	•••••	••••		•••••	· • • • • • •		•••••	• • • • •	•••••	• • • • • •	•••••
CALM	///////	//////	//////	//////	//////	///////	//////	///////	///////	//////	/////	// 5.2	/////	//////
TOTALS	i 64.7	28.2	1.7									100.0	3.7	4.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5 MONTH: JUL HOURS: 06-08 STATION NUMBER: 747945

				•										
DIRECTION (DEGREES)	•	5-9	10-14	15-19		SPEED IN 25-29		35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	2.9	.1			* * * * * * * *	• • • • • • •	•••••		•••••			3.0	2.6	3.0
020-040	3.8	1.1	.1									4.9	3.5	3.0
050-070	4.5	1.4	.6									6.6	4.2	3.0
(E) 080-100	3.3	2.0	.8									6.1	4.9	4.0
110-130	3.2	1.9	.2									5.4	4.5	4.0
140-160	4.8	2.4	.3									7.5	4.3	4.0
(S) 170-190	8.6	4.5	.2		. 1							13.4	4.2	4.0
200-220	5.5	8.7	.3									14.5	5.3	5.0
230-250	6.6	5.8	.6	.1								13.1	5.0	4.5
(W) 260-280	7.2	3.0	.3									10.5	4.2	4.0
290-310	4.6	1.2										5.8	3.6	3.0
320-340	4.1	.6	.2									4.9	3.5	3.0
VARIABLE	: 	•••••	• • • • • • • • • • • • • • • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •		• • • • • • •	• • • • • •	• • • • • • • •	•••••		•••••
CALM	////////	//////	//////	//////	//////	///////	//////	///////	///////	//////	///////	4.1	/////	//////
TOTALS	59.1	32.7	3.6	.1	.1							100.0	4.2	4.0
			10	TAL NUM	BER OF	OBSERVA	TIONS	930						

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5 MONTH: JUL HOURS: 09-11

1-4				UIND	DEED IN			• • • • • • •		• • • • • • •	• • • • • • •		
	2-9	10-14	15-19		SPEED IN 25-29		35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
.9	2.2		• • • • • •		• • • • • • •			•••••	• • • • • • •	•••••	3.0	5.4	5.0
1.5	2.8	.3									4.6	5.6	5.0
1.1	3.7	1.4	.1								6.2	7.8	8.0
1.5	5.1	1.7	.1								8.4	7.0	7.0
1.3	5.1	1.7									8.1	7.2	7.0
1.3	6.1	1.5									8.9	7.2	7.0
2.8	5.8	1.5									10.1	6.5	6.0
3.3	11.5	1.9									16.8	6.6	7.0
4.3	8.6	1.9									14.8	6.4	6.0
3.2	5.5	1.5	.1								10.3	6.4	6.0
1.8	2.3	.3									4.4	5.4	5.0
2.3	1.7	.1									4.1	4.7	4.0
	• • • • • •	•••••	•••••	•••••	•••••	• • • • • •		• • • • • •	•••••	•••••	• • • • • • •		•••••
1111111	//////	//////	//////	//////	///////	//////	//////	//////	//////	1111111	.2	/////	111111
25.3	60.4	13.8	.3								100.0	6.5	6.0
	1.5 1.1 1.5 1.3 1.3 2.8 3.3 4.3 3.2 1.8 2.3	1.5 2.8 1.1 3.7 1.5 5.1 1.3 5.1 1.3 6.1 2.8 5.8 3.3 11.5 4.3 8.6 3.2 5.5 1.8 2.3 2.3 1.7	1.5 2.8 .3 1.1 3.7 1.4 1.5 5.1 1.7 1.3 5.1 1.7 1.3 6.1 1.5 2.8 5.8 1.5 3.3 11.5 1.9 4.3 8.6 1.9 3.2 5.5 1.5 1.8 2.3 .3 2.3 1.7 .1	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5 2.8 .3 4.6 1.1 3.7 1.4 .1 6.2 1.5 5.1 1.7 .1 8.4 1.3 5.1 1.7 .1 8.9 2.8 5.8 1.5 10.1 3.3 11.5 1.9 16.8 4.3 8.6 1.9 14.8 3.2 5.5 1.5 .1 10.3 1.8 2.3 .3 4.4 2.3 1.7 .1 4.1	1.5 2.8 .3 4.6 5.6 1.1 3.7 1.4 .1 6.2 7.8 1.5 5.1 1.7 .1 8.4 7.0 1.3 5.1 1.7 8.1 7.2 1.3 6.1 1.5 8.9 7.2 2.8 5.8 1.5 10.1 6.5 3.3 11.5 1.9 16.8 6.6 4.3 8.6 1.9 14.8 6.4 3.2 5.5 1.5 .1 10.3 6.4 1.8 2.3 .3 4.4 5.4 2.3 1.7 .1 4.1 4.7

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: JUL HOURS: 12-14

		LS	1 10 01	L: + 3					MUNIT	: JUL	HOUK	5: 12-14	•	
DIRECTION (DEGREES)	1-4 	5-9	10-14	15-19		SPEED IN 25-29		35-39	40-49	50-64	GE 65	TOTAL	MEAN WIND	MEDIAN WIND
(N) 350-010	.4	.8	.3	• • • • • •	• • • • • •	• • • • • • •		• • • • • •	•••••	•••••		1.5	6.4	6.0
020-040	.3	4.5	1.6	.2								6.7	8.0	8.0
050-070	.9	11.1	3.2									15.2	7.7	8.0
(E) 080-100	1.2	14.0	4.6	.3								20.1	8.0	8.0
110-130	.8	8.5	4.3	.2								13.8	8.4	8.0
140-160	1.1	6.7	3.7	.1								11.5	8.2	8.0
(S) 170-190	1.4	4.5	1.8									7.7	7.1	7.0
200-220	1.2	5.4	2.5	.1								9.1	7.7	8.0
230-250	1.0	3.9	1.6	.1								6.6	7.9	7.0
(W) 260-280	.5	2.9	.9									4.3	7.1	7.0
290-310	.5	.8	.5									1.8	6.8	7.0
320-340	.4	1.0	.2									1.6	6.1	6.0
VARIABLE	! !				•••••		• • • • • •			•••••		• • • • • • • • • • • • • • • • • • •	• • • • • •	•••••
CALM	 ///////	//////	//////	//////	//////	///////	//////	///////	///////	//////	1111111	.1	//////	/////
TOTALS	9.7	64.1	25.2	1.0								100.0	7.8	8.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88

LST TO UTC: + 5	MONTH:	JUL	HOURS:	15-17

• • • • • • • • • • • • • • • • • • • •			• • • • • • •	• • • • • •	WIND S	PEED IN	KNOTS	•••••	• • • • • •	• • • • • •		• • • • • • •	•••••	• • • • • • •
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010]	.2	•••••	.3		•••••	• • • • • •		• • • • • • •	•••••		.5	12.6	15.0
020-040	.2	2.3	.6	.2								3.3	8.7	8.0
050-070	.6	6.6	2.3	.2								9.7	8.2	8.0
(E) 080-100	2.0	15.7	4.7	.1								22.6	8.0	8.0
110-130	1.4	17.4	8.7	.3								27.8	8.5	8.0
140-160	1.8	6.2	6.6	.4								15.1	9.0	9.0
(S) 170-190	.8	2.9	1.2	.1								4.9	7.6	7.0
200-220	.4	2.0	.8	.1								3.3	7.7	7.0
230-250	.8	3.0	1.3									5.1	7.7	7.0
(W) 260-280	.4	1.5	.6	.4	. 1							3.1	9.0	7.0
290-310	.3	.8	.9	.3	. 1							2.4	9.7	10.0
320-340	.5	.8	.6		.1							2.0	7.7	8.0
VARIABLE			•••••	• • • • • • •	•••••	•••••	• • • • • •	•••••	•••••	• • • • • • •		• • • • • • •	•••••	• • • • • • • • • • • • • • • • • • • •
CALM	1111111	//////	//////	//////	//////	//////	//////	/////	//////	'//////	///////	.1	/////	//////
TOTALS	9.2	59.4	28.3	2.4	.3							100.0	8.4	8.0
			to	TAI NIM	BED VE	OBSEBUA	TIONS	030						

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5 MONTH: JUL HOURS: 18-20

DIRECTION	1 1-4	E - O	10.14	15.10		SPEED IN 25-29		75 70	(0.40	E0 //	65 45	TOT4:		
(DEGREES)		2-9	10-14	12.18	20-24	23-24	30-34	35-39	40-49	5U-64	GE 65	TOTAL %	MEAN WIND	MEDIA
N) 350-010	1.0	.4	.3	•••••	•••••	• • • • • • • •			•••••		•••••	1.7	5.4	4.0
020-040	1.4	1.4	.2									3.0	5.0	5.0
050-070	3.3	2.5	.6	,1								6.6	5.7	4.0
E) 080-100	4.5	5.8	1.4									11.7	5.8	5.0
110-130	6.0	13.8	1.9									21.7	6.1	6.0
140-160	5.2	15.4	2.6	.1								23.2	6.5	6.0
s) 170-190	5.1	6.0	1.5	.1								12.7	6.0	6.0
200-220	2.5	2.8	.6									5,9	5.5	5.0
230-250	1.7	1.8	1.1									4.6	6.3	5.0
W) 260-280	1.7	2.0	.9	.4								5.1	7.2	6.0
290-310	.8	.6	.1									1.5	5.2	4.5
320-340	.5	.8										1.3	5.0	5.0
VARIABLE	·	•••••	• • • • • • •	• • • • • • •		•••••	• • • • • • •		• • • • • • •	•••••		• • • • • • •	• • • • • •	••••
CALM	11111111	/////	//////	//////	//////	///////	//////	///////	///////	,,,,,,	//////	1.0	//////	/////
TOTALS	33.7	53.3	11.2	.7								100.0	6.0	6.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88

MONTH: JUL HOURS: 21-23

UTC: +	- 5
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		•••••		• • • • • •	WIND S	PEED IN	KNOTS		• • • • • •		•••••	• • • • • • •	• • • • • •	•••••
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.2	.1	•••••			•••••		•••••	• • • • • • •		••••••	1.3	2.5	2.0
020-040	2.2	1.1										3.2	3.8	3.0
050-070	4.8	1.6	.4	.2								7.1	4.7	4.0
(E) 080-100	4.5	2.4	.5									7.4	4.6	4.0
110-130	7.0	6.9	.1									14.0	4.7	4.5
140-160	9.1	7.3	.2									16.7	4.4	4.0
(S) 170-190	11.6	9.6	.3									21.5	4.3	4.0
200-220	3.9	7.3	.2									11.4	5.3	5.0
230-250	2.3	2.7	.2									5.2	5.2	5.0
(W) 260-280	2.0	2.9	.1									5.1	5.1	5.0
290-310	1.1	.3	.1									1.5	4.1	4.0
320-340	} 1.7	.4	.1		.1							2.4	4.4	3.0
•••••	 :										•••••			
VARIABLE	!													
CALM	///////	//////	///////	//////	//////	1111111	//////	///////	///////	1111111	1111111	3.3	//////	//////
TOTALS	51.4	42.6	2.2	.2	.1							100.0	4.5	4.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5 MONTH: JUL HOURS: ALL

DIRECTION	j 1-4	5-9	10-14	15-19		SPEED IN 25-29		35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)	1		••••••		•••••	•••••	• • • • • • •		•••••		•••••	%	WIND	WIND
(N) 350-010	1.4	.5	.1	.0	•••••	•••••	• • • • • • •		• • • • • • •	•••••	•••••	2.0	4.1	3.0
020-040	1.7	1.7	.4	.1								3.9	5.4	5.0
050-070	2.8	3.5	1.2	.1								7.7	6.3	6.0
(E) 080-100	3.1	5.9	1.8	.1								10.8	6.6	7.0
110-130	3.8	7.2	2.2	.1								13.2	6.6	6.0
140-16 0	5.1	6.3	1.9	.1								13.3	6.0	5.0
(S) 170-190	6.9	5.8	.9	.0	.0							13.5	5.0	4.0
200-220	4.0	6.5	.8	.0								11.4	5.6	5.0
230-250	3.4	5.1	1.0	.0								9.5	5.8	5.0
(W) 260-280	3.0	2.8	.6	.1	.0							6.5	5.5	5.0
290-310	2.0	.8	.2	.0	.0							3.1	4.6	3.0
320-340	1.9	.7	.2		.0							2.8	4.2	3.0
VARIABLE CALM	 ////////												,,,,,,	
TOTALS	39.1	46.8	11.3	.6	, , , , ,		, , , , ,		,		.,,,,,,	100.0	5.6	5.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88

LST TO UTC: + 5

MONTH: JUL HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS). AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION	 I 1-4	5-9	10-14	15-19		SPEED IN 25-29		35-39	40-49	50-64	GE 45	TOTAL	MEAN	MEDIAN
(DEGREES)	` 			• • • • • •	•••••							_%	WIND	WIND
(N) 350-010	 I 2.0	3.9	2.0		• • • • • •				• • • • • •	• • • • • • •	•••••	7.8	6.0	6.0
020-040	2.0	5.9												
020-040	i											7.8	6.5	7.0
050-070	2.0	9.8	5.9	2.0								19.6	8.5	8.5
(E) 080-100	į	2.0										2.0	8.0	8.0
110-130	3.9	2.0										5.9	4.3	3.0
140-160	!	2.0	2.0									3.9	10.5	10.5
(S) 170-190	2.0	2.0	3.9	2.0								9.8	9.0	10.0
200-220	3.9	7.8	2.0	2.0								15.7	7.8	8.0
230-250	7.8	5.9	2.0									15.7	6.1	6.0
(W) 260-280	2.0	2.0										3.9	4.5	4.5
290-310	! 	2.0	3.9									5.9	9.3	10.0
320-340	! 													
VARIABLE	i • • • • • • • • • • • • • • • • • • •		• • • • • •		• • • • • • •									
VARIABLE	 													
CALM	1//////	//////	//////	//////	//////	///////	//////	//////	//////	//////	//////	2.0	//////	/////
TOTALS	25.6	45.3	21.7	6.0								100.0	7.3	8.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM OURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88

	LST TO UTC: + 5						MONTH: AUG HOURS: 00-02							
DIRECTION (DEGREES)	•	5-9	10-14	15-19		SPEED IN 25-29		35-39	40-49	50-64	GE 65	TOTAL	MEAN WIND	MEDIAN WIND
(N) 350-016	2.0	.2	• • • • • • •			• • • • • • •		•••••	•••••	• • • • • • •	••••••	2.3	2.8	3.0
020-040	2.7	.3	.3									3.3	4.0	3.0
050-070	4.2	.9	.4									5.5	3.7	3.0
(E) 080-100	7.2	1.4	.1									8.7	3.2	3.0
110-130	6.5	1.9	.2									8.0	3.8	3.0
140-160	8.0	2.3	.1									10.3	3.5	3.0
(S) 170-190	9.1	5.7	.2									15.1	4.2	4.0
200-220	6.9	6.7	.3	.2								14.1	4.9	5.0
230-250	4.5	1.5										6.0	3.3	3.0
(W) 260-280	3.3	1.4										4.7	3.5	3.0
290-310	3.7	.5										4.2	2.8	3.0
320-340	2.4											2.4	2.4	2.5
VARIABLE	! !		•••••		•••••						•••••			
CALM	///////	//////	//////	//////	//////	'//////	//////	///////	//////	///////	///////	14.8	/////	//////
TOTALS	60.5	22.8	1.6	.2								100.0	3.2	3.0
			то	TAL NUM	BER OF	OBSERVA	TIONS	930						

C - 4 - 62

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5 MONTH: AUG HOURS: 03-05

		LJ	1 10 01	C. + J					MUNIT	. AUG	nouk	3: 03-03	•	
DIRECTION	1-4	5-9	10-14	15-19		SPEED IN 25-29		35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)	i											%	MIND	WIND
(N) 350-010	2.9	.2	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	•••••	• • • • • • • • • • • • • • • • • • • •	•••••	• • • • • • •	3.1	2.6	2.0
020-040	3.2	.6	.3									4.2	3.8	3.0
050-070	4.1	1.2	.3									5.6	3.8	3.0
(E) 080-100	5.4	1.3										6.7	3.5	3.0
110-130	6.1	1.4	.2									7.7	3.5	3.0
140-160	4.2	.9										5.1	3.1	3.0
(\$) 170-190	7.7	3.4	.2									11.4	3.7	3.5
200-220	9.5	5.9	.5									15.9	4.4	4.0
230-250	5.8	2.5	.3									8.6	4.0	4.0
(W) 260-280	4.8	1.7										6.6	3.5	3.0
290-310	5.2	.6										5.8	2.6	2.0
320-340	3.3	.1										3.4	2.6	3.0
VARIABLE	: :	• • • • • •		• • • • • •		• • • • • • • • • • • • • • • • • • • •		• • • • • •		• • • • • •	• • • • • • •	• • • • • • •	· · · · · · ·	
CALM	 ////////	(//////	///////	//////	//////	1111111	//////	//////	///////	//////	'//////	15.9	111111	111111
TOTALS	 62.2	19.8	1.8								,	100.0	3.1	3.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERFOO OF RECORD: NOV 78 - OCT 88

LST TO UTC: + 5 MONTH: AUG HOURS: 06-08

		LS	1 10 01	u: + 5					MUNIT	: AUG	HOUK	3: 00-0	5	
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19		SPEED IN 25-29		35-39	40-49	50-64	GE 65	TOTAL	MEAN WIND	MEDIAN WIND
(DEGREES)	ı											/0	WIND	WIND
(N) 350-010	4.7	.9	•••••	• • • • • •				•	•••••			5.6	3.0	3.0
020-040	2.9	1.4										4.3	3.3	3.0
050-070	4.7	1.3	.9									6.9	4.3	3.0
(E) 080-100	6.2	1.4	.5									8.2	4.0	3.0
110-130	4.5	2.2	.1									6.8	3.9	3.0
140-160	4.8	1.4										6.2	3.7	4.0
(S) 170-190	4.8	2.6	.4	.1								8.0	4.6	4.0
200-220	6.6	6.7	.9									14.1	5.0	5.0
230-250	5.2	4.0	.1									9.2	4.3	4.0
(W) 260-280	5.3	1.3										6.6	3.4	3.0
290-310	5.5	1.0	.1									6.6	3.3	3.0
320-340	5.1	.4										5.5	2.9	3.0
	l 													
VARIABLE												.,,,,,,,		
CALM	//////	//////	//////	//////	//////	///////	//////	///////	'//////	///////	///////	12.2	/////	//////
TOTALS	60.3	24.6	3.0	.1								100.0	3.5	3.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: AUG OURS: 09-11

				•• •					,,,,,,,,			• • • • • • • • • • • • • • • • • • • •		
DIRECTION (DEGREES)		5-9	10-14	15-19		SPEED IN 25-29		35-39	40-49	50-64	GE 65	TOTAL	MEAN WIND	MEDIAN WIND
(N) 350-010	2.3	1.7	.3	• • • • • • •	•••••	••••••	• • • • • •	• • • • • • •		• • • • • •		4.3	5.0	4.0
020-040	2.3	3.9	.1									6.2	5.5	5.0
050-070	2.4	4.9	1.5	.1								8.9	6.7	6.0
(E) 080-100	2.6	5.2	1.2									8.9	6.4	6.0
110-130	2.5	6.1	1.5		. 1							10.2	6.7	6.0
140 - 160	2.3	5.5	1.2									8.9	6.2	6.0
(S) 170-190	2.3	3.8	1.3									7.3	6.3	6.0
200-220	6.0	8.5	1.8									16.3	6.0	6.0
230-250	4.9	6.0	.6									11.6	5.3	5.0
(W) 260-280	3.5	4.0	.5									8.1	5.0	5.0
290-310	2.8	1.5	.2									4.5	4.3	3.5
320-340	2.6	.9	.1									3.5	4.2	4.0
VARIABLE	 	• • • • • •		••••		• • • • • • • •	• • • • • • • • • • • • • • • • • • • •	· • • • • • • •		• • • • • • •		•••••	• • • • • •	•••••
CALM	11111111	//////	1111111	//////	/////	,111111	//////	///////	///////	//////	///////	1.1	/////	//////
TOTALS	36.5	52.0	10.3	.1	.1							100.0	5.8	5.0
			10	TAL NUM	BER OF	OBSERVA	TIONS	930						

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5 MONTH: AUG HOURS: 12-14

1-4 	5-9	10-14	15-19			35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
.6	2.8	.4	.1		• • • • • • • • • • • • • • • • • • • •		• • • • • • •		• • • • • • • •	4.0	6.7	6.0
1.3	7.2	1.2								9.7	7.1	7.0
2.0	12.2	3.0								17.2	7.3	7.0
1.9	10.6	4.1	.2							16.9	7.6	7.0
1.5	10.1	5.2	.3							17.1	8.1	8.0
.6	4.9	2.0	.2							7.8	8.1	8.0
8.	3.2	1.0								4.9	7.1	7.0
2.5	5.5	1.4								9.4	6.6	7.0
1.8	4.6	.4								6.9	5.8	5.5
 .8	1.6	.2	.1							2.7	6.5	6.0
.4	.9	.6								1.9	7.5	8.5
.6 	.6	.1								1.4	5.2	5.0
: 		• • • • • • •	•••••			• • • • • • •	• • • • • • •			• • • • • • • • • • • • • • • • • • • •		
///////	//////	//////	//////	///////////////////////////////////////	///////	((((())	///////	/////	///////	.1	/////	//////
14.8	64.2	19.6	.9							100.0	7.3	7.0
	1.3 2.0 1.9 1.5 .6 .8 2.5 1.8 .8	.6 2.8 1.3 7.2 2.0 12.2 1.9 10.6 1.5 10.1 .6 4.9 .8 3.2 2.5 5.5 1.8 4.6 .4 .9 .6 .6	.6 2.8 .4 1.3 7.2 1.2 2.0 12.2 3.0 1.9 10.6 4.1 1.5 10.1 5.2 .6 4.9 2.0 .8 3.2 1.0 2.5 5.5 1.4 1.8 4.6 .4 .8 1.6 .2 .4 .9 .6 .6 .6 .1	.6 2.8 .4 .1 1.3 7.2 1.2 2.0 12.2 3.0 1.9 10.6 4.1 .2 1.5 10.1 5.2 .3 .6 4.9 2.0 .2 .8 3.2 1.0 2.5 5.5 1.4 1.8 4.6 .4 .8 1.6 .2 .1 .4 .9 .6 .6 .6 .1	1-4 5-9 10-14 15-19 20-24 25-2 .6 2.8 .4 .1 1.3 7.2 1.2 2.0 12.2 3.0 1.9 10.6 4.1 .2 1.5 10.1 5.2 .3 .6 4.9 2.0 .2 .8 3.2 1.0 2.5 5.5 1.4 1.8 4.6 .4 .8 1.6 .2 .1 .4 .9 .6 .6 .6 .1	.6 2.8 .4 .1 1.3 7.2 1.2 2.0 12.2 3.0 1.9 10.6 4.1 .2 1.5 10.1 5.2 .3 .6 4.9 2.0 .2 .8 3.2 1.0 2.5 5.5 1.4 1.8 4.6 .4 .8 1.6 .2 .1 .4 .9 .6 .6 .6 .1	1-4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 .6 2.8 .4 .1 1.3 7.2 1.2 2.0 12.2 3.0 1.9 10.6 4.1 .2 1.5 10.1 5.2 .3 .6 4.9 2.0 .2 .8 3.2 1.0 2.5 5.5 1.4 1.8 4.6 .4 .8 1.6 .2 .1 .4 .9 .6 .6 .6 .1	1-4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-49 .6 2.8 .4 .1 1.3 7.2 1.2 2.0 12.2 3.0 1.9 10.6 4.1 .2 1.5 10.1 5.2 .3 .6 4.9 2.0 .2 .8 3.2 1.0 2.5 5.5 1.4 1.8 4.6 .4 .8 1.6 .2 .1 .4 .9 .6 .6 .6 .1	1-4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 .6 2.8 .4 .1 1.3 7.2 1.2 2.0 12.2 3.0 1.9 10.6 4.1 .2 1.5 10.1 5.2 .3 .6 4.9 2.0 .2 .8 3.2 1.0 2.5 5.5 1.4 1.8 4.6 .4 .8 1.6 .2 .1 .4 .9 .6 .6 .6 .6 .1	1-4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 GE 65 .6	1-4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 GE 65 TOTAL % .6 2.8 .4 .1 4.0 1.3 7.2 1.2 9.7 2.0 12.2 3.0 17.2 1.9 10.6 4.1 .2 16.9 1.5 10.1 5.2 .3 17.1 .6 4.9 2.0 .2 7.8 .8 3.2 1.0 4.9 2.5 5.5 1.4 9.4 1.8 4.6 .4 6.9 .8 1.6 .2 .1 2.7 .4 .9 .6 .1 1.9	1-4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 GE 65 TOTAL MEAN WIND .6 2.8 .4 .1 4.0 6.7 1.3 7.2 1.2 9.7 7.1 2.0 12.2 3.0 17.2 7.3 1.9 10.6 4.1 .2 16.9 7.6 1.5 10.1 5.2 .3 17.1 8.1 .6 4.9 2.0 .2 7.8 8.1 .8 3.2 1.0 4.9 7.1 2.5 5.5 1.4 9.4 6.6 1.8 4.6 .4 6.9 5.8 .8 1.6 .2 .1 2.7 6.5 .4 .9 .6 .1 1.9 7.5

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5 MONTH: AUG HOURS: 15-17

		LS	TU OT	C: + 5					MONT	f: AUG	HOUR	S: 15-17	7	
•••••	• • • • • • • •	• • • • • •	•••••		WIND S	SPEED IN	KNOTS		• • • • • •	• • • • • • •	• • • • • •	• • • • • •		• • • • • • •
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.1	1.0	1.0	•••••	•••••	• • • • • • •	•••••	• • • • • • •		• • • • • • •	• • • • • • •	3.0	6.8	7.5
020-040	.9	4.5	1.6									7.0	7.6	8.0
050-070	1.3	9.8	2.8									13.9	7.6	8.0
(E) 080-100	1.4	15.3	3.7									20.3	7.5	8.0
110-130	1.9	14.5	6.9	.3								23.7	8.3	8.0
140-160	1.6	6.3	4.3	.1								12.4	8.2	8.0
(S) 170-190	.6	2.4	1.3	.1	.1	.1						4.6	8.5	7.0
200-220	.5	2.6	1.1	.1								4.3	8.0	8.0
230-250	.5	2.5	.5									3.5	6.6	6.0
(w) 260-280	.9	1.2	.8									2.8	7.3	7.0
290-310	.2	1.3	.2	.1								1.8	7.8	8.0
320-340	1.2	.9		.1	.1							2.3	5.8	4.0
VARIABLE	: 	. 	•••••		•••••	•••••	•••••	• • • • • • •	• • • • • • •	• • • • • • • •	•••••	• • • • • •	• • • • • •	• • • • • • •
CALM	1111111	//////	1111111	///////	//////	///////	//////	///////	///////	///////	//////	.4	/////	111111
TOTALS	12.1	62.3	24.2	.8	.2	.1						100.0	7.7	8.0

TOTAL NUMBER OF OBSERVATIONS 930

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: AUG HOURS: 18-20

		L.	31 10 0	16: + 3					MON	in. Aug	noor	K3; 10-2	U	
• • • • • • • • • • • • • • • • • • • •	• • • • • • • •		• • • • • • •	• • • • • •	WIND	SPEED 1	N KNOTS	· · · · · · · ·	•••••	• • • • • • •	•••••	• • • • • • •	• • • • • •	•••••
DIRECTION (DEGREES)	1 1-	5-9	10-14	15-19			30-34		40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.8	.6.	.2.		• • • • • •	• • • • • •	• • • • • • •	•••••	• • • • • • •		•••••	2.7	4.2	3.0
020-040	2.0	2.4	1.0	.1								5.5	5.9	5.0
050-070	3.7	3.7	.8									8.1	5.2	5.0
(E) 080-100	8.7	7.8	. 1									16.7	4.6	4.0
110-130	8.0	9.9	1.7									19.6	5.5	5.0
140 - 160	6.0	8.6	1.9									16.6	5.9	5.0
(S) 170-190	4.1	4.6	.2	. 1								9.0	5.1	5.0
200-220	2.2	3.8	.5	. 1								6.6	6.0	5.0
230-250	2.2	2.0	. 1									4.3	4.5	4.5
(W) 260-280	1.2	1.5	.6									3.3	6.0	5.0
290-310	.9	.5	.2	.1								1.7	5.9	4.5
320-340	.9	. 3										1.2	3.6	3.0
VARTABLE	: }		• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •		•••••	• • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • •	•••••	•••••
CALM	 ///////	/////	//////	//////	//////	(//////	///////	//////	///////	///////	///////	/ 4.8	/////	//////
TOTALS	 41.7	45.7	7.3	.4								100.0	5.1	5.0
								070						

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5 PERIOD OF RECORD: NOV 78 - OCT 88 MONTH: AUG HOURS: 21-23

								110.111		110011		•	
1-4	5-9	10-14	15-19				35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MED I A
3.3	.3		• • • • • •	•••••			• • • • • • •	•••••	• • • • • • •	• • • • • •	3.7	2.5	2.0
2.7	1.3	.1									4.1	4.4	4.0
3.5	1.4	.5									5.5	4.5	4.0
8.8	3.4	.2									12.5	3.9	4.0
7.8	4.0	.1									11.9	4.1	4.0
7.7	5.7	.3	.1								13.9	4.5	4.0
8.1	6.1	.2									14.4	4.1	4.0
5.1	4.0	.9									9.9	4.9	4.0
2.7	1.9	.1									4.7	4.8	4.0
2.9	.6										3.5	3.1	3.0
1.9	.5										2.5	3.4	3.0
1.7	.3										2.0	3.2	3.0
• • • • • • •				••••	• • • • • • • • • • • • • • • • • • • •		• • • • • • •					• • • • • •	• • • • • •
///////	//////	1111111	1111111	//////	///////	/////	((((((//////	///////	//////	/ 11.4	/////	//////
56.2	29.5	2.4	. 1								100.0	3.7	4.0
		TO	TAL NUN	BER OF	OBSERVA	TIONS	930						
	3.3 2.7 3.5 8.8 7.8 7.7 8.1 5.1 2.7 2.9 1.9	3.3 .3 2.7 1.3 3.5 1.4 8.8 3.4 7.8 4.0 7.7 5.7 8.1 6.1 5.1 4.0 2.7 1.9 2.9 .6 1.9 .5 1.7 .3	3.3 .3 2.7 1.3 .1 3.5 1.4 .5 8.8 3.4 .2 7.8 4.0 .1 7.7 5.7 .3 8.1 6.1 .2 5.1 4.0 .9 2.7 1.9 .1 2.9 .6 1.9 .5 1.7 .3	3.3 .3 2.7 1.3 .1 3.5 1.4 .5 8.8 3.4 .2 7.8 4.0 .1 7.7 5.7 .3 .1 8.1 6.1 .2 5.1 4.0 .9 2.7 1.9 .1 2.9 .6 1.9 .5 1.7 .3	1-4 5-9 10-14 15-19 20-24 3.3 .3 2.7 1.3 .1 3.5 1.4 .5 8.8 3.4 .2 7.8 4.0 .1 7.7 5.7 .3 .1 8.1 6.1 .2 5.1 4.0 .9 2.7 1.9 .1 2.9 .6 1.9 .5 1.7 .3	1-4 5-9 10-14 15-19 20-24 25-29 3.3 .3 2.7 1.3 .1 3.5 1.4 .5 8.8 3.4 .2 7.8 4.0 .1 7.7 5.7 .3 .1 8.1 6.1 .2 5.1 4.0 .9 2.7 1.9 .1 2.9 .6 1.9 .5 1.7 .3	3.3 .3 2.7 1.3 .1 3.5 1.4 .5 8.8 3.4 .2 7.8 4.0 .1 7.7 5.7 .3 .1 8.1 6.1 .2 5.1 4.0 .9 2.7 1.9 .1 2.9 .6 1.9 .5 1.7 .3	1-4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 3.3 .3 2.7 1.3 .1 3.5 1.4 .5 8.8 3.4 .2 7.8 4.0 .1 7.7 5.7 .3 .1 8.1 6.1 .2 5.1 4.0 .9 2.7 1.9 .1 2.9 .6 1.9 .5 1.7 .3	1-4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-49 3.3 .3 2.7 1.3 .1 3.5 1.4 .5 8.8 3.4 .2 7.8 4.0 .1 7.7 5.7 .3 .1 8.1 6.1 .2 5.1 4.0 .9 2.7 1.9 .1 2.9 .6 1.9 .5 1.7 .3	1-4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 3.3 .3 2.7 1.3 .1 3.5 1.4 .5 8.8 3.4 .2 7.8 4.0 .1 7.7 5.7 .3 .1 8.1 6.1 .2 5.1 4.0 .9 2.7 1.9 .1 2.9 .6 1.9 .5 1.7 .3	1-4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 GE 65 3.3 .3 2.7 1.3 .1 3.5 1.4 .5 8.8 3.4 .2 7.8 4.0 .1 7.7 5.7 .3 .1 8.1 6.1 .2 5.1 4.0 .9 2.7 1.9 .1 2.9 .6 1.9 .5 1.7 .3	1-4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 GE 65 TOTAL % 3.3 .3 .3 .1 .4 .1 3.5 1.4 .5 .5 .5 .5 .8.8 3.4 .2 .12.5 7.8 4.0 .1 .11.9 7.7 5.7 .3 .1 .13.9 8.1 6.1 .2 .14.4 5.1 4.0 .9 .9 .9 .9 2.7 1.9 .1 .4.7 2.9 .6 .3.5 1.7 .3 .2 .2 .5 1.7 .3 .2 .2 .5	1-4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 GE 65 TOTAL MEAN WIND 3.3 .3 .3 .3 .7 2.5 2.7 1.3 .1 .4 .5 .5 .5 .4.5 8.8 3.4 .2 .1 .1 .1.9 4.1 7.7 5.7 .3 .1 .1 .1.9 4.1 5.1 4.0 .9 .9 .9 .9 4.9 2.7 1.9 .1 .4.7 4.8 2.9 .6 .3.5 3.1 1.9 .5 .2.5 3.4 1.7 .3 .2 .0 3.2

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: AUG HOURS: ALL

		LS	T TO UT	C: + 5					MONTH	: AUG	HOUR	S: ALL		
DIRECTION	1-4	5-9	10-14	15-19		SPEED IN 25-29		35 - 39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)				• • • • • • •	• • • • • • •	• • • • • •	•••••	• • • • • • • • • • • • • • • • • • • •		•••••		%	WIND	WIND
(N) 350-010	2.4	1.0	.2	.0	• • • • • • •	•••••	•••••		• • • • • • •	•••••		3.6	4.2	3.0
020-040	2.2	2.7	.6	.0								5.5	5.6	5.0
050-070	3.2	4.4	1.3	.0								8.9	6.0	6.0
(E) 080-100	5.3	5.8	1.2	.0								12.4	5.5	5.0
110-130	4.9	6.3	2.0	.1	.0							13.2	6.1	6.0
140-160	4.4	4.4	1.2	.1								10.1	5.6	5.0
(S) 170-190	4.7	4.0	.6	.0	.0	.0						9.3	4.9	4.0
200-220	4.9	5,4	.9	.1								11.3	5.4	5.0
230-250	3.5	3.1	.3									6.9	4.8	4.0
(W) 260-280	2.8	1,7	.3	.0								4.8	4.5	4.0
290-310	2.6	.9	.2	.0								3.6	4.0	3.0
320-340	2.2	.4	.0	.0	.0							2.7	3.5	3.0
) 													
VARIABLE	<u> </u>													
CALM	1///////	'/////	//////	//////	//////	///////	//////	///////	'//////	//////	///////	7.6	//////	111111
TOTALS	43.1	40.1	8.8	.3								100.0	4.9	5.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88

LST TO UTC: + 5

MONTH: AUG HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS). AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

•••••						PEED IN		_	•••••			•••••		•••••
DIRECTION	1-4	5-9 	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)	1											%	MIND	WIND
(N) 350-010	8.1	1.6			•••••	•••••		•••••	•••••		•••••	9.7	3.2	2.0
020-040	4.8	3.2										8.1	4.4	3.0
050-070	3.2		1.6									4.8	5.0	3.0
(E) 080-100	[1.6	3.2									4.8	9.7	10.0
110-130	1.6		1.6	1.6								4.8	10.0	12.0
140-160			1.6									1.6	14.0	14.0
(S) 170-190	4.8	6.5		1.6	1.6							14.5	7.8	5.0
200-220	8.1	3.2	8.1	1.6								21.0	8.2	6.0
230-250	1.6	6.5										8.1	4.8	5.0
(W) 260-280	4.8											4.8	2.3	3.0
290-310	3.2	4.8	1.6									9.7	6.5	7.5
320-340	1.6	1.6			1.6							4.8	9.7	5.0
VARIABLE	! 										• • • • • •	• • • • • • • •		• • • • • • • •
	, 	,,,,,,,											,,,,,	
CALM	////// 	1111111	,,,,,,,	,,,,,,,	,,,,,,,	1/1/1//	111111	1111111	1111111	111111	111111	7/ 3.2	111111	/////
TOTALS	41.8	29.0	17.7	4.8	3.2							100.0	6.5	5.0

TOTAL NUMBER OF OBSERVATIONS 62

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PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: SEP HOURS: 00-02

		LS	T TO UT	C: + 5					MONTH	1: SEP	HOUR	s: 00-0	2	
DIRECTION (DEGREES)	1	5-9	10-14		20-24	SPEED IN 25-29	30-34		40-49	50-64	GE 65	TOTAL	MEAN WIND	MEDIAN WIND
(N) 350-010	4.2	1.1	.1	• • • • • •	• • • • • •	• • • • • • •		• • • • • •	• • • • • • •		• • • • • • •	5.4	3.5	3.0
020-040	2.0	1.2	1.0	.1								4.3	6.1	5.0
050-070	4.2	1.9	2.2	4								8.8	6.6	5.0
(E) 080-100	9.1	5.6	1.2									15.9	4.6	4.0
110-130	7.7	2.1	.3	.2								10.3	4.0	3.0
140-160	5.0	2.1	.2	.1								7.4	3.9	3.0
(S) 170-190	6.4	3.3	.8	.1								10.7	4.4	4.0
200-220] 2.1	3.7	.6									6.3	5.5	5.0
230-250	2.3	1.4	.4				.1	.2				4.6	7.2	4.0
(W) 260-280	2.7	1.1										3.8	3.5	3.0
290-310	 3.6	.9										4.4	3.0	3.0
320-340	2.4	.8	.1									3.3	3.8	3.0
VARIABLE	<u>.</u>			• • • • • •	• • • • • •	· · · · · · · ·			• • • • • • •	• • • • • •		•••••		•••••
CALM	1///////	//////	//////	//////	/////	///////	///////	///////	///////	//////	///////	14.7	/////	//////
TOTALS	51.7	25.2	6.9	.9			.1	.2				100.0	4.0	4.0
			í0	TAL NUM	BER OF	OBSERVA	TIONS	900						

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: SEP HOURS: 03-05

				••								J. UJ U.		
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19		SPEED IN 25-29		35-39	40-49	50-64	GE 65	TOTAL	MEAN WIND	MEDIAN WIND
(N) 350-010	4.4	.8	.1			• • • • • • •	• • • • • •		• • • • • • •	•••••		5.3	3.4	3.0
020-040	3.7	1.8	.1	.3								5.9	4.7	4.0
050-070	4.9	3.2	2.1	.2								10.4	6.2	5.0
(E) 080-100	5.7	4.2	.6									10.4	4.7	4.0
110-130	5.1	1.6										6.7	3.6	4.0
140-160	4.1	1.0	.6	.3								6.0	4.9	4.0
(S) 170-190	4.7	3.1	.1									7.9	4.3	4.0
200-220	2.7	2.6	.6	.1		.2	.1					6.2	6.7	5.0
230-250	4.3	1.0	.1									5.4	3.6	3.0
(W) 260-280	4.8	1.1										5.9	3.1	3.0
290-310	6.2	.7		.2								7.1	3.2	3.0
320-340	 5.0 	2.0	.2									7.2	3.8	3.0
VARIABLE		• • • • • • •		• • • • • • •	•••••					• • • • • •		• • • • • • •		
CALM	//////	//////	//////	//////	//////	//////	//////	//////	///////	1111111	//////	15.4	/////	111111
TOTALS	55.6	23.1	4.5	1.1		.2	.1					100.0	3.8	4.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88

LST TO UTC: + 5 MONTH: SEP HOURS: 06-08

		LS	TO UT	C: + 5					MONT	1: SEP	HOUR	s: 06-0	3	
DIRECTION (DEGREES)		5-9	10-14	15-19		SPEED IN 25-29		35-39	40-49	50-64	GE 65	TOTAL	MEAN WIND	MEDIAN WIND
(N) 350-010	4.8	1.4	6	• • • • • •	•••••		• • • • • •			• • • • • • •	•••••	6.8	4.2	3.0
020-040	3.6	1.7	.4	.2								5.9	5.0	4.0
050-070	4.4	4.7	1.8	.9								11.8	6.9	6.0
(E) 080-100	6.3	4.7	1.0	.1								12.1	5.2	4.0
110-130	3.0	1.4										4.4	3.8	4.0
140-160	2.4	1.1	.7	.2	.1							4.6	6.2	4.0
(S) 170-190	3.6	2.3	.4	.1								6.4	4.8	4.0
200-220	2.8	2.7	.6		.1	.2						6.3	6.4	5.0
230-250	3.8	1.8	.3	.2								6.1	4.7	4.0
(W) 260-280	3.7	1.1	.2	.2								5.2	4.1	3.0
290-310	6.4	.8	.1									7.3	3.1	3.0
320-340	8.9	1.9	.6									11.3	3.8	3.0
VARIABLE	. . <u>!</u>	• • • • • •	•••••	• • • • • • • • • • • • • • • • • • • •			• • • • • • •	• • • • • • •		•••••	•••••	• • • • • • •	· · · · · ·	•••••
CALM	1111111	(1/1///	//////	//////	//////	///////	//////	'//////	///////	///////	1111111	11.7	//////	111111
TOTALS	53.7	25.6	6.7	1.9	.2	.2						100.0	4.4	4.0
			TO	TAL NUM	BER OF	OBSERVA	TIONS	900						

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5 MONTH: SEP HOURS: 09-11

		LS	10 01	L: + 3					MONTE	I: SEP	HOUR	S: U9-1	ı	
DIRECTION (DEGREES)	1 1-4	5-9	10-14	15-19		SPEED IN 25-29		35-39	40-49	50-64	GE 65	TOTAL	MEAN WIND	MEDIAN WIND
(N) 350-010	2.9	4.6	1.4	•••••		• • • • • • •	• • • • • • •		•••••	•••••	• • • • • • •	8.9	6.4	6.0
020-040	3.6	5.8	1.7	.3								11.3	6.4	5.5
050-070	3.2	8.1	5.4	.8	.1							17.7	8.4	8.0
(E) 080-100	1.7	6.7	3.9	.1								12.3	7.9	8.0
110-130	1.1	4.0	.9									6.0	6.9	.0
140-160	2.0	2.7	1.1	.2	.1							6.1	7.2	6.0
(S) 170-190	.7	3.0	1.0	.1	.1							4.9	7.9	7.0
200-220	1.7	4.9	2.7	.2	.1							9.6	7.9	7.0
230-250	2.3	3.7	.6		.1							6.7	6.0	5.0
(W) 260-280	2.1	1.6	.2									3.9	4.9	4.0
290-310	3.0	2.1	.1									5.2	4.2	4.0
320-340	3.0	1.8	.9	.1								5.8	5.5	4.0
VARIABLE			• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • •	•••••				•••••	· • • • • • • •	•••••		•••••
CALM	///////	//////	//////	//////	//////	///////	//////	///////	///////	///////	////////	1.7	/////	111111
TOTALS	27.3	49.0	19.9	1.8	.5							100.0	6.9	6.0
			TO	TAL NUM	BER OF	OBSERVA	TIONS	900						

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5

MONTH: SEP HOURS: 12-14

DIRECTION (DEGREES)		5-9	10-14	15-19		SPEED IN 25-29		35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.7	3.1	3.0	.1	•••••	• • • • • • •	•••••		• • • • • • •	• • • • • • •	• • • • • • • •	6.9	8.7	9.0
020-040	1.1	10.0	3.3	.6								15.0	7.9	8.0
050-070	1.8	17.1	7.2	1.4		.1	.1	.1				27.9	8.7	8.0
(E) 080-100	1.3	10.2	5.3	.2								17.1	8.1	8.0
110-130	1.1	6.0	1.3									8.4	7.3	8.0
140-160	.4	3.4	2.0	.2								6.1	8.5	9.0
(S) 170-190	8.	1.6	1.2		.1	.1						3.8	8.5	7.5
200-220	.9	2.6	1.7	.3	.3							5.8	9.0	8.0
230-250	1.3	1.4	.8									3.6	6.7	7.0
(W) 260-280	.8	1.1	.6	.1								2.6	6.9	6.0
290-310	.6	.3	.2	.1								1.2	6.5	5.0
320-340	.2	.7	.4									1.3	7.2	7.0
VARIABLE	1						••••							•••••
CALM	//////	//////	//////	//////	//////	1111111	//////	(//////	(//////	(1/1/1/)	///////	.3	/////	//////
TOTALS	11.0	57.5	27.0	3.0	.4	.2	.1	.1				100.0	8.2	8.0
			το	TAL NUM	BER OF	OBSERVA	TIONS	900						

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5 MONTH: SEP HOURS: 15-17

• • • • • • • • • • • • • • • • • • • •	• • • • • • • •	• • • • • •	• • • • • •	• • • • • • •	WIND S	PEED IN	KNOTS	•••••	• • • • • • •	•••••	• • • • • •		• • • • • •	• • • • • • • • •
DIRECTION (DEGREES)	1 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.9	2.2	2.3	.2	• • • • • •	•••••		•••••	•••••		• • • • • •	5.7	8.7	9.0
020-040	1.2	7.7	3.2	.7								12.8	8.4	8.0
050-070	1.8	14.7	8.1	.6		.3						25.4	8.6	8.0
(E) 080-100	2.9	16.2	4.9	.2	.1	.1						24.4	7.5	7.0
110-130	1.2	9.1	1.9									12.2	7.2	7.0
140-160	.4	4.3	2.6	.2								7.6	8.8	8.0
(S) 170-190	.1	1.6	.4									2.1	8.2	8.0
200-220	l .6	1.2	.6	.2								2.6	7.9	7.0
230-250	.6	.8	.9	.4	.1							2.8	9.6	10.0
(W) 260-280	.9	.4	.2	.1								1.7	6.8	4.0
290-310		.6	.4	. 1								1.1	9.8	9.5
320-340	.4	.7	.2									1.3	6.0	5.5
VARIABLE	 		•••••	•••••		• • • • • • •	• • • • • •	•••••	•••••	• • • • • •	• • • • • • •	• • • • • • •	•••••	
CALM	 ///////	//////	//////	//////	//////	//////	//////	//////	1111111	//////	///////	.3	/////	//////
TOTALS	11.0	59.5	25.7	2.7	.2	.4						100.0	8.1	8.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: SEP HOURS: 18-20

		LS	T TO UT	C: + 5					MONTH	i: SEP	HOURS	s: 18-20)	
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19		SPEED IN 25-29		35-39	40-49	50-64	GE 65	TOTAL	MEAN WIND	MEDIAN WIND
(DEGREES)	 							. .						
(N) 350-010	1.7	2.9	.7	.2								5.4	6.4	6.0
020-040	4.7	5.8	2.1	.1								12.7	6.1	5.5
050-070	6.9	6.6	3.7	.1								17.2	6.1	5.0
(E) 080-100	12.9	10.6	.9		.1	.3						24.8	5.0	4.0
110-130	6.4	5.2	.3		.2							12.2	4.9	4.0
140-160	4.1	4.8	.8									9.7	5.2	5.0
(S) 170-190	1.3	1.4	.4									3.2	5.9	5.0
200-220	1.0	1.1	.6									3.0	7.3	7.0
230-250	.4	.8	.7	.1								2.0	8.0	8.0
(W) 260-280	1.0	.8	.3									2.1	5.3	5.0
290-310	.9	.3	.2									1.4	5.2	4.0
320-340	.8	.4	.2									1.4	4.5	3.0
VARIABLE	<i>i</i> • • • • • • • • • • • • • • • • • • •										•••••			• • • • • •
VARIABLE	i													
CALM	1//////	//////	//////	//////	//////	11/1///	//////	'//////	(111111)	'//////	1111111	4.8	//////	111111
TOTALS	42.1	40.7	10.9	.8	.3	.3						100.0	5.3	5.0
								000						

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: SEP HOURS: 21-23

				. ,					1101111	I. JEI	1100%			
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19		SPEED IN 25-29		35-39	40-49	50-64	GE 65	TOTAL	MEAN WIND	MEDIA WIND
(N) 350-010	2.3	1.3	.3	.3		• • • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • •	4.3	5.7	4.0
020-040	4.7	3.1	1.4	.1								9.3	5.7	4.5
050-070	4.8	3.2	3.0	.1								11,1	6.6	6.0
E) 080-100	11.6	7.2	.8	.1			.1					19.8	4.9	4.0
110-130	6.4	3.4	.2	.2								10.3	4.4	4.0
140-160	8.3	3.8		.1	. 1							12.3	4.2	4.0
s) 170-190	4.7	2.7	.6									7.9	4.4	4.0
200-220	1.9	2.0	.8									4.7	5.8	5.0
230-250	1.3	1.7	.8									3.8	6.0	5.5
w) 260-280	1.3	.7	.1									2.1	4.3	4.0
290-310	.9											.9	2.8	3.0
320-340	1.2	.6	.1									1.9	4.1	4.0
VARIABLE	: !		• • • • • • •							•••••			• • • • • • •	••••
CALM	11111111	//////	//////	//////	//////	1111111	//////	1111111	'//////	(1/1/1/)	'//////	11.6	/////	7/////
TOTALS	49.4	29.7	8.1	.9	.1		.1					100.0	4.5	4.0
			10	TAL NUM	BCR OF	OBSERVAT	IONS	900						

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: SEP HOURS: ALL

DIRECTION	1-4				20-24	SPEED IN 25-29	30-34			50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)				•••••		•••••					• • • • • • •	%	MIND	WIND
(N) 350-010	2.7	2.2	1.1	.1		•••••			• • • • • • •	•••••	• • • • • • •	6.1	6.0	5.0
020-040	3.1	4.6	1.7	.3								9.7	6.6	6.0
050-070	4.0	7.4	4.2	.6	.0	.1	.0	.0				16.3	7.6	7.0
(E) 080-100	6.4	8.2	2.3	.1	.0	.1	.0					17.1	6.1	5.0
110-130	4.0	4.1	.6	.1	.0							8.8	5.3	5.0
140-160	3.4	2.9	1.0	.2	.0							7.5	5.9	5.0
(S) 170-190	2.8	2.4	.6	.0	.0	.0						5.9	5.4	5.0
200-220	1.7	2.6	1.0	.2	.1	.1	.0					5.6	7.0	6.0
230-250	2.1	1.6	.6	.1	.0		.0	.0				4.4	6.0	5.0
(W) 260-280	2.2	1.0	.2	.1								3.4	4.4	4.0
290-310	2.7	.7	. 1	.1								3.6	3.8	3.0
320-340	2.8	1.1	.3	.0								4.2	4.4	4.0
VARIABLE	•••••			•••••	• • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • •			•••••			•••••	
CALM	///////	//////	//////	//////	//////	1111111	//////	///////	///////	1111111	///////	7.6	/////	//////
TOTALS	37.9	38.8	13.7	1.9	.1	.3						100.0	5.6	5.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88

LST TO UTC: + 5

MONTH: SEP HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS). AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION	1 1-4	s - O	10-14	15.10		PEED IN		75.70	40-40	50-64	CE 45	TOTAL	MEAN	MEDIAN
		۰۰۰۰۰۰												
(DEGREES)] • • • • • • • •	<i>.</i>										% 	WIND	WIND
(N) 350-010	1	1.2	1.2	1.2								3.7	13.7	14.0
020-040			1.2									1.2	13.0	13.0
050-070	1.2		3.7		1.2	4.9	1.2	1.2				13.6	21.6	25.0
(E) 080-100		1.2	1.2		1.2	2.5	1.2					7.4	21.2	23.5
110-130	1.2			1.2	1.2							3.7	13.7	16.0
140-160	1.2	2.5	2.5									6.2	7.6	6.0
(\$) 170-190	1.2											1.2	2.0	2.0
200-220	1	4.9	3.7		2.5	4.9	1.2					17.3	17.5	18.0
230-250	2.5	4.9	7.4	1.2	1.2		1.2	2.5				21.0	14.7	12.0
(W) 260-280	4.9	3.7		1.2								9.9	5.4	4.0
290-310	3.7	2.5		1.2								7.4	6.0	4.5
320-340	 3.7 											3.7	3.3	3.0
VARIABLE	 [• • • • • • •		• • • • • •	•••••	• • • • • •				•••••	•••••	• • • • • •	• • • • • •
CALM	1///////	//////	//////	///////	///////	1111111	//////	1111111	//////	////////	//////	3.7	/////	//////
TOTALS	19.6	20.9	20.9	6.0	7.3	12.3	4.8	3.7				100.0	13.4	11.5

TOTAL NUMBER OF OBSERVATIONS 81

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE CANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5

	LS	1 10 01	c. · ,										• • • • • •
••••••				WIND S	SPEED IN	KNOTS	35.30	40-40	50-64	GE 6	S TOTAL	MEAN	MEDIAN
1-4	5-9	10-14	15-19	20-24	23-24	30 34	33.39	70 77	20 01	-2 -	%	WIND	WIND
1.5	3.2	1.0	4	•••••	• • • • • • •		•••••		• • • • • • •		6.1	7.5	7.0
4.0	2.9	2.0	.1								9.0	6.1	5.0
4.1	7.6	2.7									14.4	6.6	6.0
4.9	7.1	.4									12.5	5.3	5.0
	3.0	.5									6.9	4.9	5.0
Í	1.1	.1	_1								6.0	3.4	3.0
i											4.7	4.1	4.0
j											3.4	4.1	4.0
ì											4.6	4.0	4.0
İ											5.3	3.7	3.0
i		1									9.1	4.1	4.0
Ì											9.1	4.7	4.0
5.5	3.1	.4	.1										
						• • • • • •				• • • • •		• • • • • •	
1//////	//////	//////	//////	//////	(11/1///	//////	1111111	1111111	1/////	/////	/// 8.7	////	7//////
45.5												4.7	
		ī	OTAL N	MBER O	F OBSERV	ATIONS	930						
	4.0 4.1 4.9 3.3 4.7 3.0 1.9 2.9 3.7 6.0 5.5	1-4 5-9 1.5 3.2 4.0 2.9 4.1 7.6 4.9 7.1 3.3 3.0 4.7 1.1 3.0 1.7 1.9 1.5 2.9 1.7 3.7 1.6 6.0 3.0 5.5 3.1	1-4 5-9 10-14 1.5 3.2 1.0 4.0 2.9 2.0 4.1 7.6 2.7 4.9 7.1 .4 3.3 3.0 .5 4.7 1.1 .1 3.0 1.7 1.9 1.5 2.9 1.7 3.7 1.6 6.0 3.0 .1 5.5 3.1 .4	1-4 5-9 10-14 15-19 1.5 3.2 1.0 .4 4.0 2.9 2.0 .1 4.1 7.6 2.7 4.9 7.1 .4 3.3 3.0 .5 4.7 1.1 .1 .1 3.0 1.7 1.9 1.5 2.9 1.7 3.7 1.6 6.0 3.0 .1 5.5 3.1 .4 .1	1-4 5-9 10-14 15-19 20-24 1.5 3.2 1.0 .4 4.0 2.9 2.0 .1 4.1 7.6 2.7 4.9 7.1 .4 3.3 3.0 .5 4.7 1.1 .1 .1 3.0 1.7 1.9 1.5 2.9 1.7 3.7 1.6 6.0 3.0 .1 5.5 3.1 .4 .1	NIND SPEED IN 1-4 5-9 10-14 15-19 20-24 25-29 1.5 3.2 1.0 .4 4.0 2.9 2.0 .1 4.1 7.6 2.7 4.9 7.1 .4 3.3 3.0 .5 4.7 1.1 .1 .1 .1 3.0 1.7 1.9 1.5 2.9 1.7 3.7 1.6 6.0 3.0 .1 5.5 3.1 .4 .1 .1	WIND SPEED IN KNOTS 1-4 5-9 10-14 15-19 20-24 25-29 30-34 1.5 3.2 1.0 .4 4.0 2.9 2.0 .1 4.1 7.6 2.7 4.9 7.1 .4 3.3 3.0 .5 4.7 1.1 .1 .1 3.0 1.7 1.9 1.5 2.9 1.7 3.7 1.6 6.0 3.0 .1 5.5 3.1 .4 .1	WIND SPEED IN KNOTS 1-4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 1.5 3.2 1.0 .4 4.0 2.9 2.0 .1 4.1 7.6 2.7 4.9 7.1 .4 3.3 3.0 .5 4.7 1.1 .1 .1 3.0 1.7 1.9 1.5 2.9 1.7 3.7 1.6 6.0 3.0 .1 5.5 3.1 .4 .1	1-4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-49 1.5 3.2 1.0 .4 4.0 2.9 2.0 .1 4.1 7.6 2.7 4.9 7.1 .4 3.3 3.0 .5 4.7 1.1 .1 .1 3.0 1.7 1.9 1.5 2.9 1.7 3.7 1.6 6.0 3.0 .1 5.5 3.1 .4 .1	1-4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 1.5 3.2 1.0 .4 4.0 2.9 2.0 .1 4.1 7.6 2.7 4.9 7.1 .4 3.3 3.0 .5 4.7 1.1 .1 .1 3.0 1.7 1.9 1.5 2.9 1.7 3.7 1.6 6.0 3.0 .1 5.5 3.1 .4 .1	WIND SPEED IN KNOTS 1-4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 GE 6 1.5 3.2 1.0 .4 4.0 2.9 2.0 .1 4.1 7.6 2.7 4.9 7.1 .4 3.3 3.0 .5 4.7 1.1 .1 .1 .1 3.0 1.7 1.9 1.5 2.9 1.7 3.7 1.6 6.0 3.0 .1 5.5 3.1 .4 .1	1.4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 GE 65 TOTAL % 1.5 3.2 1.0 .4 6.1 4.0 2.9 2.0 .1 9.0 4.1 7.6 2.7 14.4 4.9 7.1 .4 12.5 3.3 3.0 .5 6.9 4.7 1.1 .1 .1 .1 .1 6.0 3.0 1.7 4.7 1.9 1.5 3.4 2.9 1.7 4.6 6.0 3.0 .1 9.1 5.5 3.1 .4 .1 9.1	1.4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 GE 65 TOTAL MEAN WIND 1.5 3.2 1.0 .4 6.1 7.5 4.0 2.9 2.0 .1 9.0 6.1 4.1 7.6 2.7 14.4 6.6 4.9 7.1 .4 12.5 5.3 3.3 3.0 .5 6.9 4.9 4.7 1.1 .1 .1 .1 .1 6.0 3.4 3.0 1.7 4.7 4.1 1.9 1.5 3.4 4.1 2.9 1.7 4.6 4.0 5.3 3.7 1.6 5.3 3.7 6.0 3.0 .1 9.1 4.1 5.5 3.1 .4 .1 9.1 4.7

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5 MONTH: OCT HOURS: 03-05

		23	, , , , , , ,						HOMIT				•	
DIRECTION (DEGREES)		5-9	10-14	15-19		SPEED IN 25-29		35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	4.3	2.7	1.2	.2		• • • • • • •	• • • • • •			•••••		8.4	5.5	4.0
020-040	5.2	3.8	1.4	.1								10.4	5.6	5.0
050-070	3.7	7.3	1.7	.1								12.8	6.3	6.0
(E) 080-100	6.2	5.7	1.0									12.9	5.1	5.0
110-130	1.7	1.7										3.4	4.4	4.5
140-160	2.8	1.2	.2									4.2	4.0	3.0
(S) 170-190	2.4	1.4										3.8	4.1	4.0
200-220	! 1.3	1.1										2.4	4.4	4.0
230-250	2.4	2.3										4.6	4.2	4.0
(W) 260-280	4.3	1.0	.1									5.4	3.5	4.0
290-310	6.3	3.0	.3	.1								9.8	4.3	4.0
320-340	6.9	5.3	.1	.2								12.5	4.6	4.0
VARIABLE	 				•••••		••••					•••••	• • • • • • •	
CALM	1//////	//////	//////	//////	//////	////////	//////	///////	//////	1111711	7////	/ 9.5	/////	//////
TOTALS	47.5	36.5	6.0	.7								100.0	4.5	4.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5 MONTH: OCT HOURS: 06-08

		LS	T TO UT	C: + 5					MONTH	I: OCT	HOUR	s: 06-08	3	
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19		SPEED IN 25-29		35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	3.9	3.7	.4	.1	• • • • • •		• • • • • •	• • • • • • •		•••••		8.1	5.1	5.0
020-040	4.7	4.9	1.6									11.3	5.8	5.0
050-070	2.5	6.8	3.1	.2								12.6	7.4	7.0
(E) 080-100	3.4	5.5	.4									9.4	5.5	5.0
110-130	3.3	1.8	.1									5.3	4.3	4.0
140-160	2.3	1.1										3.3	4.0	4.0
(S) 170-190	1.4	1.1	.3									2.8	5.3	4.5
200-220	1.0	1.1	.1									2.2	4.6	5.0
230-250	2.5	1.0	.2									3.7	4.2	3.0
(W) 260-280	4.0	1.2	.2									5.4	3.5	3.0
290-310	7.0	4.5	.4	.2								12.2	4.4	4.0
320-340	7.3	7.7	.8									15.8	5.0	5.0
VARIABLE		• • • • • •	•••••	• • • • • • •	• • • • • •	• • • • • • •	•••••			• • • • • • •				•••••
CALM	///////	//////	//////	//////	/////	(111111)	///////	(//////	//////	//////	///////	8.2	//////	111111
TOTALS	43.3	40.4	7.6	.5								100.0	4.8	5.0
			**	TAI	מרה מר	OBCEDUA	TIONS	070						

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88

MONTH: OCT HOURS: 09-11

LST TO UTC: +	>
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DIRECTION (DEGREES)	1-4	5-9	10-14	15-19		SPEED IN 25-29		35-39	40-49	50-64	GE 65	TOTAL	MEAN WIND	MEDIAN WIND
(N) 350-010	1.8	4.4	3.0	.6		•••••	•••••	• • • • • • •			•••••	9.9	8.5	8.0
020-040	1.7	6.9	6.2	.8								15.6	8.9	9.0
050-070	1.3	7.6	9.0	.4								18.4	9.3	10.0
(E) 080-100	.8	6.6	3.4	.4								11.2	8.5	8.0
110-130	.8	4.5	1.9									7.2	7.8	8.0
140-160	 1.0	2.2	.9									4.0	6.6	6.0
(S) 170-190	 .8	1.5	1.0	.2								3.4	7.8	7.5
200-220	1.5	2.2	.9									4.5	6.3	6.0
230-250	1.5	2.9	.9									5.3	6.3	6.0
(W) 260-280	.6	2.5	.4									3.5	5.7	5.0
290-310	2.5	3.7	1.1									7.2	6.3	5.0
320-340	2.2	5.1	1.6	.5								9.4	7.2	7.0
VARIABLE	: !	• • • • • •	• • • • • • •		•••••	• • • • • • • • • • • • • • • • • • • •	•••••	• • • • • • •	• • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • •	•••••	• • • • • •	• • • • • • • • • • • • • • • • • • • •
CALM	 //////	//////	1111111	///////	//////	///////	//////	(1/1/1/	//////	///////	1111111	.4	/////	111111
TOTALS	 16.5	50.1	30.3	2.9								100.0	7.9	8.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88

		LS	t to ut	C: + 5					MONTH	: OCT	HOUR	S: 12-1	4	
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19		SPEED IN 25-29		35-39	40-49	50-64	GE 65	TOTAL	MEAN WIND	MEDIAN WIND
(N) 350-010	.3	4.0	6.3	1.3		• • • • • • •	•••••	•••••				11.9	10.5	10.0
020-040	.9	10.8	8.1	.8								20.4	9.0	9.0
050-070	1.2	9.6	10.4	1.6								22.8	9.7	10.0
(E) 080-100]] .9	6.3	4.3	.3								11.8	8.6	8.0
110-130	ļ .2	5.1	2.6	.1								8.0	8.5	8.0
140-160	.2	2.5	1.6									4.3	8.4	8.0
(S) 170-190	.5	.4	.9									1.8	7.1	9.0
200-220	.5	1.7	1.1	.4								3.8	8.5	8.0
230-250	1.1	3.4	.2									4.7	6.3	6.5
(W) 260-280	 .5	1.9	.4									2.9	6.3	6.0
290-310	.4	2.3	.6									3.3	7.4	8.0
320-340	.2	1.9	1.4	.5								4.1	9.5	9.0
VARIABLE	! !	• • • • • • • • • • • • • • • • • • •	• • • • • • •						•••••	•••••		•••••		
CALM	1111111	//////	//////	//////	//////	///////	//////	//////	///////	///////	'//////	.1	/////	111111
TOTALS	6.9	49.9	37.9	5.0								100.0	8.9	9.0

TOTAL NUMBER OF OBSERVATIONS 930

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88

ST TO UTC: + 5	MONTH: OCT	HOURS: 15-

	• • • • • • •	• • • • • •		• • • • • •	WIND S	SPEED IN	KNOTS	•••••	• • • • • • •	• • • • • • •				• • • • • • •
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19		25-29		35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.9	4.2	7.7	1.1	.1		• • • • • •		•••••			14.0	10.1	10.0
020-040	1.4	13.0	7.1	.8								22.3	8.5	8.0
050-070	.9	13.2	7.3	.6								22.0	8.7	8.0
(E) 080-100	1.5	12.0	2.4									15.9	7.1	7.0
110-130	.8	7.2	1.6									9.6	7.5	8.0
140-160	8.	2.5	1.5	.1								4.8	7.9	7.0
(\$) 170-190	.4	.3	.2									1.0	6.1	7.0
200-220	.5	.4										1.0	5.0	4.0
230-250	.8	1.5	.2									2.5	6.3	7.0
(W) 260-280	.4	1.6	.2									2.3	6.2	6.0
290-310	.3	1.6	.4									2.4	7.0	6.5
320-340	.3	.9	.9	.2								2.3	9.3	8.0
VARIABLE	: 	• • • • • •			• • • • • •		••••	• • • • • • •						• • • • • • •
CALM	1111111	//////	1111111	///////	/////	///////	//////	///////	//////	//////	////////	.1	/////	//////
TOTALS	9.0	58,4	29.5	2.8	.1							100.0	8.2	8.0
			TC	TAL NUM	BER OF	OBSERVA	TIONS	930						

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88

SINIION MUNDER, 171773	STATION NAME: NACH CHOITE EMBING TOLIT IE	I EKTOD OF KECO	
	LST TO UTC: + 5	MONTH: OCT	HOURS: 18-20

				•. •										
DIRECTION (DEGREES)		5-9	10-14	15-19		PEED IN 25-29		35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
N) 350-010	3.2	5.0	2.5	.8	•••••	•••••	• • • • • •	•••••	•••••	• • • • • • •	•••••	11.4	7.3	6.0
020-040	6.0	10.8	3.8									20.6	6.5	6.0
050-070	5.3	9.6	3.2	.3								18.4	6.7	6.0
E) 080-100	7.9	9.1	.6									17.6	5.0	5.0
110-130	4.2	4.1	.4									8.7	5.0	5.0
140-160	3.1	3.6	.2									6.9	4.9	5.0
s) 170-190	1.6	.6										2.3	3.6	3.0
200-220	1.3	.1										1.4	2.9	3.0
230-250	.5	1.4										1.9	4.7	5.0
w) 260-280	8.	.3										1.1	3.4	2.5
290-310	.5	.6	.2									1.4	6.0	6.0
320-340	1.5	1.5	1.1	.1								4.2	6.8	6.0
VARIABLE	: [•••••	•••••	•••••	•••••	• • • • • • •	• • • • • •	•••••	· • • • • • • • •	•••••	•••••		•••••
CALM	 ///////	//////	//////	//////	//////	//////	//////	///////	111111	///////	'//////	4.1	/////	//////
TOTALS	35.9	46.7	12.0	1.2								100.0	5.7	5.0
			то	TAL NUM	BER OF	OBSERVA	TIONS	928						

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88

		LS	וט סז ז	C: + 5					MONTH	i: OCT	HOURS	s: 21-23	,	
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19		SPEED IN 25-29		35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	3.	3.0	2.0	.4	•••••	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	•••••	9.4	6.7	5.0
020-040	3.6	6.1	2.0		.1							11.9	6.7	6.0
050-070	4.6	7.1	4.0	.2								16.0	7.1	6.0
(E) 080-100	6.0	9.2	1.8	.1								17.2	5.9	5.0
110-130	4.7	3.6	.2									8.5	4.5	4.0
140-160	3.6	2.5	.1									6.1	4.4	4.0
(S) 170-190	3 -	1.5	.1									4.7	4.0	4.0
200-220	,	1.3	.1									2.7	4.7	5.0
230-25^	1.9	1.6										3.6	4.2	4.0
(W) 260-280	1.4	1.4										2.8	4.5	4.5
290-310	2.0	1.3	.2									3.6	4.5	4.0
320-340] 3.2 	2.0	.4	.1								5.8	5.2	4.0
VARIABLE	·		• • • • • • •			•••••		• • • • • • •	• • • • • • •		•••••	- • • • • • •		• • • • • • •
CALM	 ///////	'/////	//////	///////	7//////	'//////	//////	///////	///////	///////	///////	7.8	/////	'/////

TOTAL NUMBER OF OBSERVATIONS 927

TOTALS 39.3 40.6 10.9 .8 .1

100.0 5.3 5.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88

LST TO UTC: + 5 MONTH: OCT HOURS: ALL

• • • • • • • • • • • • • • • • • • • •	• • • • • • • •		• • • • • • •	• • • • • • • • • • • • • • • • • • • •	WIND S	PEED IN	KNOTS		• • • • • • • • • • • • • • • • • • • •					•••••
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)	ì	• • • • • •	•••••	• • • • • • •		•••••	•••••	•••••	•••••	•••••	• • • • • • • •	%	WIND	WIND
(N) 350-010	2.5	3.8	3.0	.6	.0	•••••		******	•••••	•••••		9.9	8.0	8.0
020-040	3.4	7.4	4.0	.3	.0							15.2	7.4	7.0
050-070	2.9	8.6	5.2	.4								17.2	7.9	8.0
(E) 080-100	4.0	7.7	1.8	.1								13.5	6.3	6.0
110-130	2.4	3.9	.9	.0								7.2	6.1	6.0
140-160	2.3	2.1	.6	.0								5.0	5.4	5.0
(S) 170-190	1.7	1.1	.3	.0								3.1	5.0	4.0
200-220	1.2	1.2	.3	.1								2.7	5.5	5.0
230-250	1.7	2.0	.2									3.9	5.1	5.0
(W) 260-280	2.0	1.4	.2									3.6	4.4	4.0
290-3 10	3.1	2.5	.4	.0								6.1	5.0	4.0
320-340	3.4	3.4	.8	.2								7.9	5.8	5.0
VARIABLE	: 		• • • • • • •	• • • • • • •		• • • • • • •	• • • • • • •		• • • • • •	•••••				•••••
CALM	///////	//////	//////	//////	//////	///////	//////	///////	//////	//////	////////	4.9	/////	//////
TOTALS	30.6	45.1	17.7	1.7								100.0	6.2	6.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5 MONTH: OCT HOURS: ALL

EST TO UTC. * 5 MONTH. OCT HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS). AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION	1 1-4		10.1/	15 10		SPEED IN 25-29		75 70	(0.70	E0 //	05 (5	7074	4544	
DIRECTION	1 1-4)-y	10-14	12.14	20-24	25-29	30-34	33-39	40-49	20-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)	l											%	WIND	WIND
(N) 350-010	1.3	8.0	2.0	3.3	• • • • • • •	• • • • • • • •	• • • • • •	•••••	•••••	• • • • • •	•••••	14.7	9.2	7.5
020-040	1.3	6.0	4.0	.7								12.0	9.1	9.0
050-070		4.0										4.0	7.2	7.0
(E) 080-100		.7	.7									1.3	8.5	8.5
110-130	į													
140 - 160	<u> </u>	.7	.7									1.3	9.0	9.0
(S) 170-190	.7											.7	1.0	1.0
200-220	 													
230-250	2.0	1.3	.7									4.0	5.0	4.5
(W) 260-280	4.7	2.0	.7									7.3	4.4	4.0
290-310	5.3	4.7	1.3	1.3								12.7	6.3	5.0
320-340	7.3	19.3	6.0	3.3								36.0	7.8	8.0
VARIABLE			• • • • • • •					• • • • • • •	• • • • • • •		• • • • • • •	• • • • • • •		• • • • • • •
CALM	<i>///////</i> 	'/////	//////	//////	//////	(///////	//////	//////	11/1///	//////	'//////	6.0	//////	111111
TOTALS	22.6	46.7	16.1	8.6								100.0	7.1	7.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5

MONTH: NOV HOURS: 00-02

		LS	1 10 01	C; + 3					MUNIT	I: NOV	HOOK	3: 00-0	c	
	• • • • • • • •	• • • • • •	•••••			SPEED IN				•••••	• • • • • • •	•••••	• • • • • •	•••••
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	3.9	3.1	.2	.1			•••••	• • • • • •	•••••	•••••	•••••	7.3	4.8	4.0
020-040	3.1	2.0	1.4	.3								6.9	6.4	5.0
050-070	3.3	3.2	2.9	.2								9.7	7.2	7.0
(E) 080-100	4.9	4.9	1.0									10.8	5.4	5.0
110-130	6.0	3.3	.9									10.2	4.9	4.0
140-160	2.9	2.6	.4									5.9	4.9	5.0
(\$) 170-190	3.4	2.2	.6	.1								6.3	5.1	4.0
200-220	1.2	1.6	.4	.1								3.3	5.9	5.0
230-250	1.8	2.0	.1									3.9	4.7	5.0
(W) 260-280	2.7	2.9	.1									5.7	4.7	5.0
290-310	6.2	4.9	2.1									13.2	5.5	5.0
320-340	5.6	4.8	1.3	.2								11.9	5.5	5.0
VARIABLE	! ! [• • • • • • •		••••	• • • • • • • •		• • • • • • •			• • • • • • •	•••••	• • • • • •	
CALM	 ///////	//////	//////	//////	//////	///////	//////	///////	///////	1111111	//////	4.9	/////	111111
TOTALS	45.0	37.5	11.4	1.0								100.0	5.2	5.0

TOTAL NUMBER OF OBSERVATIONS 900

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5 MONTH: NOV HOURS: 03-05

LST TO UTC: + 5

									1101111		HOOK	J. 05 0.	•	
DIRECTION (DEGREES)	1-4 	5-9	10-14	15-19		SPEED IN 25-29		35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	3.0	3.3	.1	• • • • • •			• • • • • •			•••••	•••••	6.4	4.5	5.0
020-040	3.0	1.7	1.1	.1								5.9	5.9	4.0
050-070	3.2	3.6	2.2	.1								9.1	6.8	6.0
(E) 080-100	4.4	5.1	.9									10.4	5.3	5.0
110-130	2.8	2.4	.7									5.9	5.5	5.0
140-160	 2.6	1.9	.6									5.0	5.3	4.0
(S) 170-190	3.1	2.3	.4									5.9	5.1	4.0
200-220	2.3	1.7	.1	.4								4.6	5.6	4.0
230-250	2.8	1.3	.2									4.3	4.2	3.0
(W) 260-280	3.7	2.3	.2									6.2	4.2	4.0
290-310	7.8	5.4	1.6									14.8	5.3	4.0
320-340	5.4	7.2	2.4	.3								15.4	6.1	5.0
VARIABLE	 • • • • • • • • • • • • • • • • • • •			•••••	•••••		•••••		•••••			•••••		
CALM	! ////////	111111	//////	//////	//////	(1/1/1//	//////	///////	//////	'//////	////////	6.0	/////	//////
TOTALS	 44.1	38.2	10.5	.9								100.0	5.1	5.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88

MONTH: NOV HOURS: 06-08

LST	TO	UTC:	+	5	
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•••••		• • • • • •	• • • • • • •		WIND S	PEED IN	KNOTS	• • • • • •	• • • • • •	•••••	• • • • • • •	• • • • • • •	• • • • • •	•••••
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	4.0	2.6	.7		•••••	•••••		•••••	••••••	•••••	• • • • • • •	7.2	4.9	4.0
020-040	2.8	3.1	.7									6.6	5.7	5.0
050-070	2.3	3.8	2.6									8.7	7.3	7.0
(E) 080-100	4.8	4.2	.9									9.9	5.4	5.0
110-130	2.2	1.6	.4									4.2	4.7	4.0
140-160	1.3	2.0	.8	.1								4.2	6.3	5.0
(S) 170-190	3.2	2.0	.3									5.6	4.4	4.0
200-220	2.0	1.8	.4									4.2	5.2	5.0
230-250	2.1	1.1	.2									3.4	4.4	4.0
(W) 260-280	2.7	1.9	.1									4.7	4.5	4.0
290-310	7.3	7.4	1.6	.1								16.4	5.5	5.0
320-340	7.3	8.7	2.6	.2	.1							18.9	5.8	5.0
	 :											• • • • • • • •		
VARIABLE	j J													
CALM	/////////	'//////	//////	//////	//////	///////	//////	//////	//////	//////	///////	6.0	/////	111111
TOTALS	42.0	40.2	11.3	.4	.1							100.0	5.2	5.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88

		LS	T TO UT	C: + 5					MONTH	: NOV	HOUR	s: 09-11		
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19		PEED IN 25-29		35-39	40-49	50-64	GE 65	TOTAL	MEAN WIND	MEDIAN WIND
(N) 350-010	1.9	6.2	3.7	.4	.1	.1	•••••	•••••	•••••		• • • • • • •	12.4	8.4	8.0
020-040	1.3	4.0	2.4	.3								8.1	8.0	8.0
050-070	8.	3.6	4.3	.8								9.4	9.6	10.0
(E) 080-100	1.0	4.0	3.3	.1								8.4	8.6	9.0
110-130	1.7	5.9	2.7	.1								10.3	7.6	8.0
140-160	1.0	3.2	1.6									5.8	7.7	8.0
(S) 170-190	1.4	2.3	2.3	.2								6.3	7.8	7.0
200-220	1.2	3.4	2.6	. 1								7.3	7.8	8.0
230-250	.9	1.7	.4									3.0	6.1	6.0
(W) 260-280	1.1	2.3	.6									4.0	6.4	6.0
290-310	1.8	3.6	3.2	.2								8.8	7.9	8.0
320-340	2.8	7.0	4.7	.7								15.1	8.1	8.0
VARIABLE	: } !	• • • • • •	• • • • • •			•••••		•••••		•••••		• • • • • • •	• • • • • •	
CALM		11/1//	//////	1111111	1111111	1111111	1111111	'//////	'//////	//////	///////	.9	/////	111111
TOTALS	16.9	47.2	31.8	2.9	.1	.1						100.0	8.0	8.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5 MONTH: NOV HOURS: 12-14

		LS	1 10 01	C: + 5					MONTH	: NOV	HOUR	s: 12-14	+	
DIRECTION (DEGREES)	,	5-9	10-14	15-19		SPEED IN 25-29		35-39	40-49	50-64	GE 65	TOTAL	MEAN WIND	MEDIAN WIND
(N) 350-010] .9	6.8	7.0	1.6	.1		•••••			• • • • • • •	• • • • • • • • • • • • • • • • • • • •	16.3	9.9	10.0
020-040	1.2	6.7	3.9	.9	.1							12.8	8.7	8.0
050-070	.4	4.3	4.2	1.0								10.0	9.7	10.0
(E) 080-100	.3	4.0	3.7	.4								8.4	9.5	9.0
110-130	.9	7.2	3.6									11.7	8.3	8.0
140-160	.2	3.9	3.8	.8								8.7	10.1	10.0
(S) 170-190	.2	2.1	2.2	.3								4.9	9.7	10.0
200-220	.7	2.7	1.6	.3								5.2	8.4	9.0
230-250	.8	2.6	1.3	.3								5.0	8.0	8.0
(W) 260-280	.3	1.7	1.4	.3								3.8	8.9	8.5
290-310	.8	2.8	1.8	.3								5.7	8.6	8.0
320-340	.1	3.4	2.4	1.2								7.2	9.9	10.0
VARIABLE	!				• • • • • • • • • • • • • • • • • • • •	•••••	•••••	•••••	•••••	• • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • •		•••••
CALM	1///////	())))))	//////	//////	//////	//////	//////	//////	//////	//////	//////	.3	//////	/////
TOTALS	6.8	48.2	36.9	7.4	.2							100.	9.2	9.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: NOV HOURS: 15-17

		LS	t to ut	C: + 5					MONTH	: NOV	HOUR	S: 15-17	,	
DIRECTION (DEGREES)	•	5-9	10-14	15-19		SPEED IN 25-29		35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.8	8.9	7.0	1.0	.1	• • • • • • •		******	•••••			18.8	9.0	8.0
020-040	3.1	6.8	3.1	.8								13.8	7.4	7.0
050-070	1.4	5.8	3.3	.2								10.8	7.8	7.0
(E) 080-100	2.8	7.3	1.4	.2								11.8	6.8	7.0
110-130	1.0	7.3	1.2									9.6	7.3	7.0
140 - 160	8.	5.3	3.6	.3								10.0	8.7	8.5
(S) 170-190	.6	1.9	.8									3.2	7.6	8.0
200-220	1.0	1.9	.1									3.0	5.8	6.0
230 - 250	.2	1.7	.7	.2								2.8	8.1	7.0
(W) 260-280	.8	1.8	1.9	.3								4.8	8.8	9.0
290-310	.9	2.9	1.2	.3								5.3	7.8	7.0
320-340	1.3	2.2	1.6	.4								5.6	8.3	8.0
VARIABLE	: 				• • • • • •				• • • • • •		• • • • • • •	• • • • • •		•••••
CALM	1///////	//////	//////	//////	//////	///////	//////	///////	///////	111111	1111111	.7	111111	//////
TOTALS	15.7	53.8	25.9	3.7	.1							100.0	7.9	8.0
			τo	TAI NUM	RER OF	ORSERVA	TIONS	900						

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5 MONTH: NOV HOURS: 18-20

		LS	1 10 01	C: + 3					MUNIT	: NOV	HOOKS	3: 10-20	,	
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19		SPEED IN 25-29		35-39	40-49	50-64	GE 65	TOTAL	MEAN WIND	MEDIAN WIND
(DEGREES)	1											/6	MIND	MIND
(N) 350-010	5.1	7.1	3.8	.3	•••••	•••••		•••••	•••••		•••••	16.3	6.7	6.0
020-040	6.6	4.6	1.4	.4								13.0	5.8	4.0
050-070	4.7	2.8	2.3	.1								9.9	6.2	5.0
(E) 080-100	6.0	5.1	.8	.1								12.0	4.9	4.5
110-130	5.3	4.4	.2									10.0	4.8	4.0
140-160	3.2	5.6	.8									9.6	5.7	5.0
(S) 170-190	i 1.6	1.3	. 1	. 1								3.1	5.3	4.5
200-220	.2	1.2	.1									1.6	6.6	7.0
230-250	.9	.3	.4									1.7	6.2	4.0
(W) 260-280	2.0	2.1	1.0	.2								5.3	6.3	5.0
290-310	1.3	2.2	.8									4.3	6.3	6.0
320-340	2.7 	3.8	.9	.2								7.6	6.2	5.0
VARIABLE							• • • • • •				• • • • • • •		•••••	
CALM	 ///////	///////	///////	///////	///////	1111111	///////	///////	///////	//////	'//////	5.7	/////	/////
	j													
TOTALS	39.6	40.5	12.6	1.4								100.0	5.5	5.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88

LST TO UTC: + 5 MONTH: NOV HOURS: 21-23

	tsi io dit: + 3						MONTH: NOV HOURS: 21-23							
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19		SPEED IN 25-29		35-39	40-49	50-64	GE 65	TOTAL	MEAN WIND	MEDIAN WIND
(N) 350-010	5.1	4.9	2.0	.1	•••••	• • • • • • •	• • • • • •	• • • • • • •		• • • • • •	• • • • • • • •	12.1	5.8	5.0
020-040	3.7	2.6	1.8	.4								8.4	6.3	5.0
050-070	4.3	3.7	1.6									9.6	5.8	5.0
(E) 080-100	6.4	3.6	.4	. 1								10.6	4.5	4.0
110-130	5.8	4.8	1.1									11.7	5.0	5.0
140-160	2.9	3.6	.4									6.9	5.5	5.0
(S) 170-190	3.2	1.7	.4									5.3	4.5	4.0
200-220	1.3	1.1	.2									2.7	5.3	5.0
230-250	2.0	1.3	.2									3.6	5.0	4.0
(W) 260-280	2.4	2.9	.2									5.6	5.2	5.0
290-310	4.6	3.7	.9									9.1	5.4	4.5
320-340	 4.2 	4.1	.4	.1								8.9	5.2	5.0
VARIABLE			· · · · · · ·		•••••				• • • • • •	•••••		•••••		• • • • • • •
CALM		//////	//////	//////	/////	///////	//////	///////	111111	//////	(1/1////	5.7	/////	111111
TOTALS	45.9	38.0	9.6	.7								100.0	5.0	5.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5 PERIOD OF RECORD: NOV 78 - OCT 88

•••••	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	WIND S	PEED IN	KNOTS	• • • • • • •	•••••	• • • • • •	• • • • • • •	• • • • • • •	· · · · · ·	• • • • • •
DIRECTION	1-4	5-9	10-14	15 - 19	20-24	25-29	30-34	35 - 39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)		• • • • • • •	•••••	•••••		•••••			•••••	•••••	•••••	%	WIND	WIND
(N) 350-010	3.2	5.4	3.1	.4	.0	.0				•••••	•••••	12.1	7.4	7.0
020-040	3.1	3.9	2.0	.4	.0							9.4	6.9	6.0
050-070	2.6	3.8	2.9	.3								9.6	7.6	7.0
(E) 080-100	3.8	4.8	1.6	.1								10.3	6.2	5.0
110-130	3.2	4.6	1.3	.0								9.2	6.2	6.0
140 - 160	1.9	3.5	1.5	.2								7.0	7.0	6.0
(S) 170-190	2.1	2.0	.9	.1								5.1	6.1	5.0
200-220	1.3	1.9	.7	.1								4.0	6.6	6.0
230-250	1.4	1.5	.5	.1								3.5	5.8	5.0
(W) 260-280	2.0	2.2	.7	.1								5.0	5.9	5.0
290-310	3.8	4.1	1.6	. 1								9.7	6.1	5.0
320-340	3.7	5.2	2.0	.4	.0							11.3	6.7	6.0
VARIABLE	' <i></i> I				• • • • • •				• • • • • • •		• • • • • • •		<i></i>	
CALM	1///////	(/////	//////	//////	//////	//////	//////	//////	1111111	//////	///////	3.8	//////	/////
TOTALS	32.1	42.9	18.8	2.3								100.0	6.4	6.0

TOTAL NUMBER OF OBSERVATIONS 7200

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PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5 MONTH: NOV HOURS: ALL

LOT TO CIC. 1 3

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS). AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

			••••••			PEED IN		······						
DIRECTION		5-9 	10.14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)	 											%	WIND	WIND
(N) 350-010	2.5	12.3	9.5	.9	.9	.3						26.6	9.3	9.0
020-040	.9	1.9		.3								3.2	7.0	7.0
050-070	.3	1.3	.6									2.2	7.7	8.0
(E) 080-100	.3	1.3	.6									2.2	7.9	8.0
110-130	 .6	.6	.6									1.9	7.3	5.0
140-160	.6	1.6										2.2	6.6	7.0
(S) 170-190	1.3	.9	.9	.3								3.5	7.3	6.0
200-220	.9	1.3	1.3									3.5	7.7	8.0
230-250	2.2	2.5	.3									5.1	4.9	5.0
(W) 260-280	2.8	3.8										6.6	5.1	5.0
290-310	4.1	6.0	.3									10.4	5.1	5.0
320-340	6.3	14.2	7.0	2.2								29.7	8.0	7.0
VARIABLE		• • • • • •	• • • • • • •	•••••	• • • • • •	•••••	• • • • • •					• • • • • • •	• • • • • •	
CALM	//////	//////	//////	//////	//////	///////	//////	///////	///////	///////	'//////	2.8	/////	'/////
TOTALS	 22.8	47.7	21.1	3.7	.9	.3						100.0	7.3	7.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LAND!NG FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5 PERIOD OF RECORD: NOV 78 - OCT 88 MONTH: DEC HOURS: 00-02

LST TO UTC: +		LST	TO	UTC:	+
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					WIND S	SPEED IN	KNOTS							
DIRECTION (DEGREES)	1 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010] 2.6	2.7	.6	.2	•••••	• • • • • • •					•••••	6.1	5.5	5.0
020-040	2.3	1.3	.5									4.1	5.4	4.0
050-070	1.8	2.4	.9									5.1	6.1	5.0
(E) 080-100	2.5	4.6	1.3	.3								8.7	6.3	5.0
110-130	3.0	3.1	.1	.1								6.3	4.9	5.0
140-160	2.5	3.3	.3									6.1	5.2	5.0
(S) 170-190	3.3	3.9	1.1									8.3	5.6	5.0
200-220	3.4	2.3	.5									6.2	4.7	4.0
230-250	3.4	1.6	.2									5.3	4.0	4.0
(W) 260-280	4.3	2.8	.5	.1								7.7	4.8	4.0
290-310	4.9	6.1	2.5	.2								13.8	6.3	5.0
320-340	4.8	7.8	3.1	1.0								16.8	7.0	6.0
VARIABLE	1 • • • • • • • • • • • • • • • • • • •				• • • • • •						• • • • • • •	•••••		•••••
CALM	///////	//////	(()()()	//////	//////	1111111	//////	,,,,,,,	///////	1111111	1111111	5.5	/////	1/////
TOTALS	38.8	41.9	11.6	1.9								100.0	5.4	5.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: DEC HOURS: 03-05

		LS	1 10 01	L: + 5					MONTH	: DEC	HOUR	S: U3-U:	•	
		• • • • • • •	• • • • • • •		WIND S	PEED IN	KNOTS		• • • • • • •	• • • • • • •	•••••	• • • • • • •		• • • • • • •
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	3.9	2.7	.3	. 1	•••••	•••••	• • • • • •	•••••	• • • • • • •		•••••	7.0	4.7	4.0
020-040	1.8	.9	.2									2.9	4.8	4.0
050-070	2.4	2.4	.8									5.5	5.5	5.0
(E) 080-100	2.8	3.3	1.2									7.3	5.9	5.0
110-130	2.3	2.8	.5	.1								5.7	5.6	5.0
140-160	1.5	2.3										3.8	4.7	5.0
(S) 170-190	3.2	4.7	1.1	. 1								9.1	6.0	5.0
200-220	2.5	1.9	1.1	.2								5.7	6.3	5.0
230-250	2.5	1.3	.2									4.0	4.4	4.0
(W) 260-280	4.2	2.6	.1	.3								7.2	4.6	4.0
290-310	6.1	4.6	2.8	.2								13.8	6.0	5.0
320-340	5.8	11.6	4.4	1.0	.1							22.9	7.0	6.0
VARIABLE	 I						• • • • • •	• • • • • •		• • • • • •	· • • • • • • •			• • • • • • • • • • • • • • • • • • • •
CALM	 ///////	//////	//////	//////	//////	///////	//////	//////	///////	1111111	///////	5.2	/////	111111
TOTALS	39.0	41.1	12.7	2.0	.1							100.0	5.5	5.0
			то	TAL NUM	BER OF	OBSERVA	TIONS	930						

C - 4 - 103

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATICN NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: DEC HOURS: 06-08

		LS	10 01	L: + 3					MONTH	: DEC	HOUR	5: 00-00	3	
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19		SPEED IN 25-29	-	35-39	40-49	50-64	GE 65	TOTAL	MEAN WIND	MEDIAN WIND
(N) 350-010	5.3	3.1	.5		•••••		• • • • • • •	•••••	• • • • • • •	•••••	• • • • • • •	8.9	4.6	4.0
020-040 [!]	1.8	1.0	.5	.1								3.4	5.8	4.0
050-070	2.5	2.5	1.0									5.9	5.7	5.0
(E) 080-100	3.3	2.8	.6	.1								6.9	5.4	5.0
110-130	2.4	2.9										5.3	4.8	5.0
140-160	1.7	2.2	.6									4.5	5.6	5.0
(S) 170-190	2.5	4.7	1.1	.2								8.5	6.2	5.0
200-220	2.2	2.8	1.4	.3								6.7	6.9	6.0
230-250	2.4	1.5										3.9	4.1	4.0
(W) 260-280	3.0	1.6	.3	.3								5.3	5.0	4.0
290-310	6.0	5.9	2.3	.6								14.8	6.3	5.0
320-340	6.3	10.9	3.3	1.1								21.6	6.6	6.0
VARIABLE			•••••		••••		• • • • • •							
CALM	1//////	//////	//////	//////	/////	(1111111	//////	11/1///	///////	//////	///////	4.3	/////	1/////
TOTALS	39.4	41.9	11.6	2.7								100.0	5.6	5.0
			то	TAL NUM	BER OF	OBSERVA	TIONS	930						

C - 4 - 104

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5 MONTH: DEC HOURS: 09-11

			• • • • • •	• • • • • • •	WIND S	PEED IN	KNOTS			• • • • • •	•••••	• • • • • • •		•••••
DIRECTION (DEGREES)	1-4 	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	2.9	4.3	2.8	.1	•••••	• • • • • • •	• • • • • •			•••••	•••••	10.1	7.0	6.0
020-040	1.3	3.1	.6									5.1	6.8	7.0
050-070	1.3	3.2	1.3	.3								6.1	7.4	7.0
(E) 080-100	1.3	3.9	1.3	.3								6.8	7.6	7.0
110-130	.6	3.4	2.3	.3								6.7	8.7	9.0
140-160	.6	2.3	2.3	.3								5.5	8.7	9.0
(S) 170-190	1.1	2.3	3.4	1.0								7.7	10.0	10.0
200-220	1.4	4.2	1.9	1.0								8.5	8.2	7.0
230-250	1.9	3.2	1.2									6.3	6.3	6.0
(W) 260-280	1.4	2.3	.4	.6								4.7	7.2	6.0
290-310	2.0	4.2	2.4	.6								9.2	7.8	7.0
320-340	2.2	10.4	8.0	1.3								21.8	8.7	8.0
VARIABLE	1 • • • • • • • • • • • • • • • • • • •						• • • • •							
	1													
CALM	1//////	//////	//////	///////	//////	///////	//////	///////	'//////	//////	///////	1.4	//////	111111
TOTALS	18.0	46.8	27.9	5.8								100.0	7.9	8.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEE FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL $\,\,$ PERIOD OF PECGRU: NOV 78 - OCT 88 $\,$

LST TO UTC: + 5 MONTH: DEC HOURS: 15-17

		LS	1 10 01	C: +)					MONTE	ו: טבנ	HOUK	3: 13-11		
		• • • • • •		•••••	WIND S	PEED IN	KNOTS		• • • • • • •		• • • • • •			• • • • • • • • • • • • • • • • • • • •
DIRECTION (DEGREES)	1-4 	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	2.6	9.0	6.1	.4			•••••			• • • • • • •	•••••	18.2	8.1	8.0
020-040	2.9	5.5	1.6	.2								10.2	6.6	6.0
050-070	2.7	5.8	1.2	.3								10.0	6.5	6.0
(E) 080-100	2.3	4.9	1,1	.2								8.5	6.8	6.0
110-130	1.1	4.9	1.8									7.8	7.6	8.0
140-160	.8	5.8	3.5	.2								10.3	8.5	8.0
(S) 170-190	.8	1.6	1.6									4.0	7.8	7.0
200-220	1.1	2.9	1.1									5.1	6.9	7.0
230-250	1.4	3.2	.8	.1	.1							5.6	7.0	6.5
(W) 260-280	1.1	3.7	1.4	.9	.3							7.3	9.0	7.0
290-310	.5	1.9	1.0	.2								3.7	8.2	8.0
320-340	.3	4.3	2.9	.9								8.4	9.6	9.0
VARIABLE	: 		• • • • • • •			•••••				• • • • • •	• • • • • • • • • • • • • • • • • • • •			• • • • • •
CALM	 ///////	//////	//////	//////	//////	1111111	1111111	(//////	(//////	'//////	//////	1.0	/////	111111
TOTALS	17.6	53.5	24.1	3.4	.4							100.0	7.7	7.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5 MONTH: DEC HOURS: 18-20

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19		PEED IN 25-29		35-39	40-49	50-64	GE 65	TOTAL	MEAN WIND	MEDIAN UND
N) 350-010	5.3	7.2	2.6	3		• • • • • • •			• • • • • • •	•••••	•••••	15.4	6.2	5.0
020-040	4.7	1.3	1.1									7.1	5.0	4.0
050-070	5.6	2.0	.8	.2								8.6	4.7	4.0
E) 080-100	4.7	3.9	.5	.2								9.4	5.3	4.0
110-130	4.0	4.1	.9									8.9	5.3	5.0
140-160	3.0	6.9	.6									10.5	5.7	6.0
s) 170-190	1.5	1.8	.1	.1								3.5	4.9	5.0
200-220	1.7	1.7	.3									3.8	5.4	5.0
230-250	1.2	2.6	.2									4.0	6.0	5.0
w) 260-280	1.7	2.0	1.7	.2								5.7	7.6	7.0
290-310	2.5	2.3	1.0	.3								6.0	6.3	5.0
320-340	 5.3 	4.7	1.1	.9								11.9	6.1	5.0
VARIABLE	: :	• • • • • •	• • • • • • • • • • • • • • • • • • • •			• • • • • • •				•••••		• • • • • • •		•••••
CALM	//////	//////	//////	//////	//////	//////	//////	///////	///////	//////	1/////	5.2	/////	//////
TOTALS	1 41.2	40.5	10.9	2.2								100.0	5.4	5.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: DEC HOURS: 21-23

..... WIND SPEED IN KNOTS 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 GE 65 TOTAL MEAN MEDIAN DIRECTION (DEGREES) % WIND WIND (N) 350-010 4.9 1.2 5.8 5.0 4.2 .2 10.5 5.3 020-040 2.6 1.3 1.3 .1 6.1 5.0 050-070 2.9 2.3 1.8 .1 7.1 6.4 5.0 .8 (E) 080-100 3.2 3.5 7.5 5.7 5.0 3.9 .9 110-130 3.4 8.2 5.4 5.0 140-160 4.5 4.8 .6 10.0 5.0 5.0 (S) 170-190 3.4 2.6 .6 6.7 5.2 4.0 1.9 .8 200-220 1.4 4.1 5.5 5.0 230-250 2.4 1.7 .3 4.4 5.1 4.0 (W) 260-280 2.5 3.0 .8 6.2 5.4 5.0 5.9 290-310 4.6 3.0 1.8 .1 9.6 5.0 320-340 4.5 6.0 2.0 .9 6.7 6.0 13.4 VARIABLE CALM TOTALS 40.6 37.9 12.9 1.4 100.0 5.4 5.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88

STATION NOTICE	.K. 14174	LS	T TO UT	C: + 5		THE EAST			MONTH	: DEC	HOUR	S: ALL	001 0	•
DIRECTION	1-4	5-9	10-14	15-19		SPEED IN 25-29		35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)			• • • • • • •			• • • • • • •		• • • • • • •		•••••	• • • • • • •	%	WIND	WIND
(N) 350-010	3.5	5.1	2.5	.3	.0	• • • • • • •	• • • • • • •	• • • • • • •		• • • • • • •	• • • • • • •	11.3	6.8	6.0
020-040	2.3	2.4	1.0	.1								5.8	6.2	5.0
050-070	2.5	3.0	1.2	.2								6.9	6.3	5.0
(E) 080-100	2.6	4.0	1.0	.2								7.8	6.4	6.0
110-130	2.2	3.7	1.2	.1								7.2	6.5	6.0
140-160	1.9	3.6	1.5	.1								7.2	6.8	6.0
(S) 170-190	2.0	2.9	1.5	.3								6.7	7.0	6.0
200-220	1.9	2.7	1.3	.3								6.3	7.1	6.0
230-250	2.0	2.3	.5	. 1	.0							4.9	5.7	5.0
(W) 260-280	2.4	2.7	.8	.4	.1							6.3	6.5	5.0
290-310	3.5	3.9	1.9	.4	.0							9.7	6.7	6.0
320-340	3.8	7.6	3.8	1.0	.0							16.2	7.6	7.0
VARIABLE	:		• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	•••••	•••••	• • • • • •	• • • • • • •	•••••					• • • • • • •
CALM	11111111	//////	//////	//////	//////	///////	///////	///////	//////	//////	///////	3.7	/////	'/////
TOTALS	30.6	43.9	18.2	3.5	.1							100.0	6.5	6.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88

LST TO UTC: + 5

MONTH: DEC HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

					WIND S	PEED IN	KNOTS							
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)	Ι		• • • • • • •	• • • • • •			• • • • • •	• • • • • •	•••••		•••••	%	WIND	WIND
(N) 350-010	4.6	5.1	3.5	.2			•••••		• • • • • • •	•••••	•••••	13.5	6.5	6.0
020-040	.7	1.5	1.3	.2								3.8	8.4	7.0
050-070	1.1	1.1	.2									2.4	5.2	5.0
(E) 080-100	1.8	1.5	.2									3.5	5.1	4.5
110-130	1.1	1.1	.2									2.4	5.0	5.0
140-160	1.3	.2	.2									1.8	4.4	4.0
(S) 170-190	1.3	2.7	1.1									5.1	6.9	7.0
200-220	2.2	3.5	2.4	.7								8.8	7.9	7.5
230-250	1.3	2.9	.7									4.9	5.8	6.0
(W) 260-280	3.1	3.1	.7	.2								7.1	5.3	5.0
290-310	6.0	4.4	1.1									11.5	4.9	4.0
320-340	4.9	17.3	6.9	2.2								31.2	8.0	8.0
VARIABLE	! 								· · · · · ·	• • • • • • •		- -		
CALM	j ///////	//////	//////	//////	//////	1111111	//////	//////	//////	///////	'//////	4.0	1:1111	111111
TOTALS	29.4	44.4	18.5	3.5								100.0	6.5	6.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5 MONTH: ALL HOURS: ALL

		• • • • • •		• • • • • •		PEED IN		• • • • • • •			•••••	• • • • • •		•••••
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND
(N) 350-010	2.3	3.4	2.2	.3	.0	.0	•••••	•••••	•••••	•••••	• • • • • • •	8.2	7.4	7.0
020-040	2.3	3.5	1.5	.2	.0	.0						7.5	6.8	6.0
050-070	2.4	4.3	2.2	.2	.0	.0	.0	.0				9.1	7.2	7.0
(E) 080-100	3.3	5.4	1.7	.1	.0	.0	.0					10.5	6.4	6.0
110-130	2.8	5.0	1.8	.1	.0							9.7	6.6	6.0
140-160	2.7	4.1	2.1	.4	.0	.0						9.4	7.2	6.0
(S) 170-190	3.0	3.1	1.1	.2	.0	.0	.0					7.5	6.2	5.0
200-220	2.2	3.5	1.1	.2	.0	.0	.0					7.0	6.7	6.0
230-250	2.1	3.1	.8	.2	.0	.0	.0	.0				6.2	6.4	6.0
(W) 260-280	2.3	2.9	1.1	.4	.1	.0	.0					6.8	6.9	6.0
290-310	2.7	2.6	1.1	.2	.0	.0						6.7	6.4	5.0
320-340	2.6	3.2	1.6	.4	.0							7.7	6.9	6.0
VARIABLE			• • • • • • •	•••••	·······	•••••	• • • • • •			•••••	• • • • • • • •	• • • • • • •		
CALM	///////	//////	//////	///////	//////	1/////	//////	//////	1111111	111111	1111111	3.5	/////	'/////
TOTALS	30.7	44.1	18.3	2.9	.1							100.0	6.5	6.0

PERCENTAGE FREQUENCY OF OCCURRENCESURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88

LST TO UTC: + 5 MONTH: ALL HOURS: ALL

.....

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

			40.44	45 40		PEED IN		75 70	40.40	FO 44	05.45	****		
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34		40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	MIND	WIND
(N) 350-010	3.0	8.5	7.2	1.4	.1	.0	•••••	•••••				20.2	8.8	9.0
020-040	1.0	2.2	1.1	.3		.0						4.7	7.8	7.0
050-070	.6	1.0	.5	. 1	.0	.1	.0	.0				2.5	9.3	8.0
(E) 080-100	.7	1.1	.7	.2	.0	.1	.0					2.7	8.6	7.0
110-130	.7	.6	.4	.1	.0							1.8	7.3	6.0
140-160	.8	.9	.4	.0	.1	.0						2.3	7.6	7.0
(S) 170-190	1.2	1.6	1.7	.4	.0							4.9	8.3	8.0
200-220	1.7	2.6	1.7	.5	.1	.1	.0					6.8	8.6	8.0
23 0-250	1.6	4.0	1.2	.0	. 1	.0	.0	.1				7.2	7.5	7.0
(W) 260-280	3.3	3.7	1.1	.3	.1	.1						8.6	6.3	5.0
290 - 310	3.8	4.3	1.4	.4	.0	.0						9.9	6.5	6.0
320-340	3.9	10.9	7.7	2.6	.1							25.3	8.8	8.0
VARIABLE			• • • • • • •	•••••	•••••	• • • • • • •	•••••	•••••	• • • • • •		•••••			· • • • • • •
CALM	//////	//////	//////	//////	//////	///////	//////	///////	//////	///////	///////	3.0	/////	//////
TOTALS	22.3	41.4	25.1	6.3	.6	.4		.1				100.0	7.8	8.0

C - 4 - 112

PPPPP PPPPPP	-		AAA AAAA	RRRRR		;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;	DDDDDD	
PP	PP	AA	AA	RR	RŔ	ŢŢ	DD	DD
PP	PP	AA	AA	RR	RŔ	ΤŤ	DD	DD
PPPPP		AA	AA	RRRR	RRRR	TT	DD	DL
PPPPP			AAAAA	RRRR	RRRR	ΤŤ	DD	DD
PP	FIT	• • • • • • • • • • • • • • • • • • • •	AAAAA	RR	RR	TT	DD	D D
PP		AA	AA	RR	RR	TT	DD	DD
PP		AA	AA	RR	RR	TT	DDDDDD	DDDD
20		A A	ΔΔ	PP	P.P	τī	DDDDDD	DDDD

PART D

CEILING VERSUS VISIBILITY AND SKY COVER SUMMARIES

CEILING VS VISIBILITY -- PERCENT OCCURRENCE FREQUENCY (POF).

CREATED FROM HOURLY OBSERVATIONS, THIS SUMMARY IS A BIVARIATE DISTRIBUTION

OF PERCENTAGE FREQUENCY BY CLASSES OF CEILING (FROM ZERO FEET TO 20,000 FEET
"NO CEILING" IS A SEPARATE CLASS) VERSUS VISIBILITY CLASSES (FROM ZERO MILES

(METERS) TO GREATER THAN OR EQUAL TO 7 STATUTE MILES (11,200 METERS)). THE

TABLES SUMMARIZE THE DATA AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

BECAUSE OF THE CUMULATIVE NATURE OF THESE SUMMARIES, IT IS POSSIBLE TO DETERMINE THE PERCENTAGE OCCURRENCE FREQUENCY (POF) FOR ANY GIVEN CEILING AND/OR VISIBILITY LIMIT(S), EITHER SEPARATELY OR IN ANY COMBINATION. TOTALS PROGRESS FROM RIGHT TO LEFT AND FROM BOTTOM TO TOP. TO DETERMINE CEILING ALONE, REFER TO THE EXTREME RIGHT-HAND COLUMN (ZERO VISIBILITY). TO DETERMINE VISIBILITY ALONE, REFER TO THE BOTTOM ROW (ZERO CEILINGS). DETERMINE THE POF THAT MEETS OR EXCEEDS ANY GIVEN SET OF MAXIMA BY READING THE VALUE AT THE INTERSECTION OF THE APPROPRIATE CEILING ROW AND VISIBILITY COLUMN.

- NOTE 1: IN JANUARY 1968, METAR STATIONS BEGAN REPORTING VISIBILITIES TO 6 STATUTE MILES OR 9000 METERS. VALUES EXCEEDING 9000 METERS ARE REPORTED AS "9999."
- NOTE 2: FOR OVERSEAS CIVILIAN STATIONS REPORTING "CAVOK", ALL CEILINGS GREATER THAN 5000 FEET APPEAR IN THE 5000 FEET CLASS.
- CONVERSIONS: 1 STATUTE MILE = 1,609.344 METERS = .868391 NAUTICAL MILES.
 FOR CONVENIENCE, THE CONVERSION OFTEN USED IS 1 STATUTE MILE = 1,600 METERS.
- SKY COVER--PERCENT OCCURRENCE FREQUENCY.

 ALSO CREATED FROM HOURLY OBSERVATIONS, THIS SUMMARY GIVES PERCENTAGE
 OCCURRENCE FREQUENCY (POF) OF SKY COVER IN EIGHTHS FOR SYNOPTIC STATIONS, BUT
 AS CLEAR, SCATTERED, BROKEN, OVERCAST, PARTIALLY OBSCURRED, OR TOTALLY
 OBSCURRED FOR AIRWAYS STATIONS. FOR AIRWAYS STATIONS, THIS SUMMARY ALSO GIVES
 POF FOR SKY COVER GREATER THAN ONE-HALF (I.E., 6/10). DATA IS SUMMARIZED THE
 SAME AS FOR PREVIOUS TABLE.
- NOTE 1. THESE SUMMARIES ARE NOT AVAILABLE FOR METAR REPORTING STATIONS.

NOTE 2. AIRWAYS STATIONS THAT HAVE REPORTED IN SYNOPTIC CODE HAVE HAD THEIR SYNOPTIC SKY COVER REPORTS CONVERTED AS FOLLOWS:

NOTE 3. "PARTIAL OBSCURATION" IS A SEPARATE CATEGORY NOT INCLUDED IN COMPUTATION OF "GREATER THAN 1/2" PERCENTAGES. "TOTAL OBSCURATIONS," HOWEVER, ARE INCLUDED.

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5 MONTH: JAN HOURS: 00-02

CEILING N												• • • • • • • • • • • • • • • • • • • •					
NO CEIL S4.4 S4.8 S6.0 S6.9 S7.3 S7.3 S7.5 S7.5 S7.5 S7.8 S7.8 S7.8 S8.0 S8.0 S8.1 S8.2	CELLINA		• • • • • • • •	• • • • • • •			VISIRII		STATUTE	MILES	• • • • • •	• • • • • • •		• • • • • •	• • • • • •		
NO CEIL S4.4 S4.8 S6.0 S6.9 S7.3 S7.5 S7.5 S7.5 S7.8 S7.8 S7.8 S7.8 S7.8 S8.0 S8.0 S8.1 S8.2 S8.0 S8.0 S8.1 S8.2 S8.0 S8.0 S8.0 S8.1 S8.2 S8.0			CE	GE	CE	GE					GF	GF	GE	GE	GE	GE	GE
NO CEIL 54.4 54.8 56.0 56.9 57.3 57.3 57.5 57.5 57.5 57.8 57.8 57.8 58.0 58.0 58.1 58.2 GE 20000 61.9 62.7 64.1 64.9 65.5 65.5 65.8 65.8 65.8 66.3 66.3 66.3 66.5 66.5 66.6 66.8 GE 18000 61.9 62.7 64.1 64.9 65.5 65.5 65.8 65.8 65.8 65.8 66.3 66.3 66.3 66.5 66.5 66.5 66.6 GE 18000 61.9 62.7 64.1 64.9 65.5 65.5 65.8 65.8 65.8 65.8 66.3 66.3 66.3 66.5 66.5 66.5 66.6 GE 18000 61.9 62.7 64.1 64.9 65.5 65.5 65.8 65.8 65.8 65.8 65.8 66.3 66.3 66.3 66.5 66.5 66.5 66.6 GE 18000 62.5 63.0 64.4 65.3 65.8 65.8 66.1 66.1 66.7 66.7 66.7 66.8 66.8 66.9 GE 10000 66.6 67.4 67.1 67.2 67.6 67.4 GE 10000 66.3 67.3 68.9 69.9 70.4 70.4 70.8 70.8 70.8 71.5 GE 9000 67.1 68.1 69.7 70.6 71.2 71.2 71.5 71.5 71.5 71.5 GE 8000 69.7 70.6 72.3 73.2 73.9 73.9 74.2 74.2 74.2 74.7 74.7 74.7 74.8 74.8 74.9 GE 7000 60.8 70.8 72.4 73.3 74.1 74.1 74.4 74.4 74.4 74.4 74.9 74.9 75.1 75.1 75.1 GE 4000 77.0 78.1 79.0 79.9 79.9 80.2 80.2 80.2 80.8 80.8 80.8 80.9 80.9 GE 4000 77.0 78.1 79.7 80.6 81.5 81.5 81.5 81.8 81.8 81.8 82.4 82.4 82.4 82.4 82.5 82.5 82.5 82.6 GE 5000 84.5 85.8 88.2 89.2 90.1 90.1 90.5 90.5 90.5 91.1 91.1 91.1 91.2 91.2 91.4 91.6 GE 2500 84.5 85.8 88.2 89.2 90.1 90.1 90.5 90.5 90.5 91.1 91.1 91.1 91.2 91.2 91.4 91.6 GE 1800 86.1 87.6 90.2 91.4 92.3 92.3 92.7 92.8 92.8 93.3 93.3 93.3 93.4 93.4 93.7 93.9 GE 2500 86.1 87.6 90.2 91.4 92.3 92.3 92.7 92.8 92.8 93.5 93.5 93.5 93.5 93.7 93.7 93.9 GE 1000 86.1 87.6 90.2 91.4 92.3 92.3 92.9 93.0 93.5 93.5 93.5 93.5 93.7 93.7 9		•															
GE 20000 61.9 62.7 64.1 64.9 65.5 65.5 65.8 65.8 65.8 66.3 66.3 66.3 66.5 66.5 66.6 66.8 6E 18000 61.9 62.7 64.1 64.9 65.5 65.5 65.5 65.8 65.8 65.8 66.3 66.3 66.3 66.3 66.5 66.5 66.6 66.8 6E 18000 61.9 62.7 64.1 64.9 65.5 65.5 65.5 65.8 65.8 65.8 66.3 66.3 66.3 66.3 66.5 66.5 66.6 66.8 6E 14000 62.3 63.0 64.4 65.3 65.8 65.8 65.8 66.1 66.1 66.7 66.7 66.7 66.7 66.8 66.8 66.9 67.1 GE 12000 62.6 63.4 65.1 66.0 66.0 66.0 66.0 66.9 66.9 66.9 67.4 67.4 67.4 67.4 67.5 67.5 67.5 67.6 67.8 67.9 69.0 67.1 68.1 69.7 70.6 71.2 71.2 71.5 71.5 71.5 71.5 72.0 72.0 72.0 72.0 72.2 72.2 72.3 72.5 62.800 69.7 70.6 72.3 73.2 73.9 74.2 74.2 74.2 74.7 74.7 74.7 74.8 74.8 74.8 74.9 75.2 GE 7000 69.8 70.8 70.8 72.8 73.8 74.1 74.1 74.1 74.4 74.4 74.4 74.9 74.9 74.9 75.1 75.1 75.2 75.4 GE 6000 70.2 71.2 72.8 73.8 74.5 74.5 74.8 74.8 74.8 74.9 75.2 62 6000 70.2 71.2 72.8 73.8 74.5 74.5 74.5 74.8 74.8 74.8 74.9 75.2 62 6000 77.9 81.1 89.0 79.9 80.2 80.2 80.2 80.2 80.8 80.8 80.8 80.9 80.9 81.0 81.2 GE 4500 77.9 81.1 83.0 84.0 84.8 84.8 85.2 82.2 80.2 80.8 80.8 80.8 80.8 80.9 80.9 81.0 81.2 GE 5000 81.5 82.7 84.7 85.7 85.7 85.7 85.7 85.7 85.7 85.8 85.8	FEET	1 '	Ü	,	7	,	2 1/2	-	, _	, 4	•	3,4	3/0	1, 2	3,0	174	·
GE 20000 61.9 62.7 64.1 64.9 65.5 65.5 65.8 65.8 65.8 66.3 66.3 66.3 66.5 66.5 66.6 66.8 6E 18000 61.9 62.7 64.1 64.9 65.5 65.5 65.5 65.8 65.8 65.8 66.3 66.3 66.3 66.3 66.5 66.5 66.6 66.8 6E 18000 61.9 62.7 64.1 64.9 65.5 65.5 65.5 65.8 65.8 65.8 66.3 66.3 66.3 66.3 66.5 66.5 66.6 66.8 6E 14000 62.3 63.0 64.4 65.3 65.8 65.8 65.8 66.1 66.1 66.7 66.7 66.7 66.7 66.8 66.8 66.9 67.1 GE 12000 62.6 63.4 65.1 66.0 66.0 66.0 66.0 66.9 66.9 66.9 67.4 67.4 67.4 67.4 67.5 67.5 67.5 67.6 67.8 67.9 69.0 67.1 68.1 69.7 70.6 71.2 71.2 71.5 71.5 71.5 71.5 72.0 72.0 72.0 72.0 72.2 72.2 72.3 72.5 62.800 69.7 70.6 72.3 73.2 73.9 74.2 74.2 74.2 74.7 74.7 74.7 74.8 74.8 74.8 74.9 75.2 GE 7000 69.8 70.8 70.8 72.8 73.8 74.1 74.1 74.1 74.4 74.4 74.4 74.9 74.9 74.9 75.1 75.1 75.2 75.4 GE 6000 70.2 71.2 72.8 73.8 74.5 74.5 74.8 74.8 74.8 74.9 75.2 62 6000 70.2 71.2 72.8 73.8 74.5 74.5 74.5 74.8 74.8 74.8 74.9 75.2 62 6000 77.9 81.1 89.0 79.9 80.2 80.2 80.2 80.2 80.8 80.8 80.8 80.9 80.9 81.0 81.2 GE 4500 77.9 81.1 83.0 84.0 84.8 84.8 85.2 82.2 80.2 80.8 80.8 80.8 80.8 80.9 80.9 81.0 81.2 GE 5000 81.5 82.7 84.7 85.7 85.7 85.7 85.7 85.7 85.7 85.8 85.8			• • • • • • •	• • • • • • •							•••••	• • • • • • •	••••	••••	• • • • • • •		• • • • •
GE 20000 61.9 62.7 64.1 64.9 65.5 65.5 65.8 65.8 65.8 66.3 66.3 66.3 66.5 66.5 66.6 66.8 6E 18000 61.9 62.7 64.1 64.9 65.5 65.5 65.5 65.8 65.8 65.8 66.3 66.3 66.3 66.3 66.5 66.5 66.6 66.8 6E 18000 61.9 62.7 64.1 64.9 65.5 65.5 65.5 65.8 65.8 65.8 66.3 66.3 66.3 66.3 66.5 66.5 66.6 66.8 6E 14000 62.3 63.0 64.4 65.3 65.8 65.8 65.8 66.1 66.1 66.7 66.7 66.7 66.7 66.8 66.8 66.9 67.1 GE 12000 62.6 63.4 65.1 66.0 66.0 66.0 66.0 66.9 66.9 66.9 67.4 67.4 67.4 67.4 67.5 67.5 67.5 67.6 67.8 67.9 69.0 67.1 68.1 69.7 70.6 71.2 71.2 71.5 71.5 71.5 71.5 72.0 72.0 72.0 72.0 72.2 72.2 72.3 72.5 62.800 69.7 70.6 72.3 73.2 73.9 74.2 74.2 74.2 74.7 74.7 74.7 74.8 74.8 74.8 74.9 75.2 GE 7000 69.8 70.8 70.8 72.8 73.8 74.1 74.1 74.1 74.4 74.4 74.4 74.9 74.9 74.9 75.1 75.1 75.2 75.4 GE 6000 70.2 71.2 72.8 73.8 74.5 74.5 74.8 74.8 74.8 74.9 75.2 62 6000 70.2 71.2 72.8 73.8 74.5 74.5 74.5 74.8 74.8 74.8 74.9 75.2 62 6000 77.9 81.1 89.0 79.9 80.2 80.2 80.2 80.2 80.8 80.8 80.8 80.9 80.9 81.0 81.2 GE 4500 77.9 81.1 83.0 84.0 84.8 84.8 85.2 82.2 80.2 80.8 80.8 80.8 80.8 80.9 80.9 81.0 81.2 GE 5000 81.5 82.7 84.7 85.7 85.7 85.7 85.7 85.7 85.7 85.8 85.8	NO CET	54.4	54.8	56.0	56.9	57 3	57 3	57	57.5	57.5	57.8	57.8	57.8	58.0	58.0	58.1	58.2
GE 16000 61.9 62.7 64.1 64.9 65.5 65.5 65.8 65.8 65.8 66.3 66.3 66.3 66.5 66.5 66.6 66.8 GE 14000 62.3 63.0 64.4 65.3 65.8 65.8 66.8 66.9 66.9 66.1 66.1 66.1 66.1 66.7 66.7 66.8 66.8 66.9 67.1 6E 12000 62.6 63.4 65.1 66.0 66.6 66.6 66.8 66.9 67.1 6E 12000 62.6 63.4 65.1 66.0 66.6 66.6 66.9 66.9 66.9 67.4 67.4 67.4 67.5 67.5 67.6 67.8 67.8 68.8 67.1 68.1 69.7 70.6 71.5 71.5 71.5 71.5 71.5 71.5 71.5 71.5	NO CET	, ,,,,	34.0	30.0	50.7	J	2,	٠.,	21.12			,,,,	J	,,,,	20.0	50	,
GE 16000 61.9 62.7 64.1 64.9 65.5 65.5 65.8 65.8 65.8 66.3 66.3 66.3 66.5 66.5 66.6 66.8 GE 14000 62.3 63.0 64.4 65.3 65.8 65.8 66.8 66.9 66.9 66.1 66.1 66.1 66.1 66.7 66.7 66.8 66.8 66.9 67.1 6E 12000 62.6 63.4 65.1 66.0 66.6 66.6 66.8 66.9 67.1 6E 12000 62.6 63.4 65.1 66.0 66.6 66.6 66.9 66.9 66.9 67.4 67.4 67.4 67.5 67.5 67.6 67.8 67.8 68.8 67.1 68.1 69.7 70.6 71.5 71.5 71.5 71.5 71.5 71.5 71.5 71.5	GE 2000	n 61 0	62.7	64 1	64 Q	65.5	65.5	65.8	65.8	65.8	66.3	66.3	66.3	66.5	66.5	66.6	66.8
GE 10000 61.9 62.7 64.1 64.9 65.5 65.8 65.8 65.8 65.8 66.3 66.3 66.3 66.5 66.5 66.6 66.6 66.1 66.1 66.1 66.7 66.7 66.7																	
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GE 2000 84.5 85.8 88.2 89.2 90.1 90.1 90.5 90.5 90.5 91.1 91.1 91.1 91.2 91.2 91.4 91.6 GE 1800 84.7 86.0 88.4 89.5 90.3 90.3 90.8 90.8 90.8 90.8 91.3 91.3 91.3 91.3 91.4 91.4 91.6 91.8 GE 1500 85.1 86.3 88.9 90.1 91.0 91.0 91.0 91.4 91.5 91.5 92.0 92.0 92.0 92.0 92.2 92.2 92.4 92.6 GE 1200 86.0 87.5 90.2 91.4 92.3 92.3 92.7 92.8 92.8 93.3 93.3 93.3 93.3 93.4 93.4 93.7 93.9 GE 1000 86.1 87.6 90.4 91.6 92.5 92.5 92.9 93.0 93.0 93.0 93.5 93.5 93.5 93.7 93.7 93.7 93.9 94.1 GE 900 86.2 87.8 90.8 92.0 92.9 92.9 93.3 93.4 93.4 93.4 94.0 94.0 94.0 94.1 94.1 94.3 94.5 GE 800 86.3 88.0 91.0 92.3 93.1 93.1 93.1 93.5 93.7 93.7 94.2 94.2 94.2 94.2 94.3 94.3 94.5 94.7 GE 700 86.5 88.1 91.1 92.4 93.4 93.4 93.4 93.9 94.0 94.0 94.0 94.0 94.0 94.0 94.6 94.6 94.8 95.1 GE 600 86.8 88.4 91.5 93.0 94.1 94.1 94.5 94.6 94.6 94.6 95.2 95.2 95.2 95.3 95.3 95.5 95.7 GE 500 87.2 88.8 92.3 94.1 95.6 95.9 96.8 97.0 97.0 97.5 97.5 97.5 97.5 97.7 97.7 98.0 98.2 GE 300 87.2 88.8 92.3 94.1 95.6 95.9 96.8 97.0 97.0 97.5 97.5 97.5 97.5 97.7 97.7 98.0 98.2 GE 200 87.2 88.8 92.3 94.1 95.8 96.1 97.1 97.6 97.6 98.4 98.5 98.5 99.4 99.5 99.8 100.0	GF 250	กไหวน	83.7	85 A	86.8	87.6	87.6	88 1	88.1	88 1	88.6	88.6	88.6	38.7	88.7	88.9	89.1
GE 1800 84.7 86.0 88.4 89.5 90.3 90.3 90.8 90.8 90.8 91.3 91.3 91.3 91.4 91.4 91.6 91.8 GE 1500 85.1 86.3 88.9 90.1 91.0 91.0 91.4 91.5 91.5 92.0 92.0 92.0 92.2 92.2 92.4 92.6 GE 1200 86.0 87.5 90.2 91.4 92.3 92.3 92.7 92.8 92.8 93.3 93.3 93.3 93.3 93.4 93.4 93.7 93.9 GE 1000 86.1 87.6 90.4 91.6 92.5 92.5 92.9 93.0 93.0 93.5 93.5 93.5 93.7 93.7 93.7 93.9 94.1 GE 900 86.2 87.8 90.8 92.0 92.9 92.9 92.9 93.3 93.4 93.4 94.0 94.0 94.0 94.1 94.1 94.3 94.5 GE 800 86.3 88.0 91.0 92.3 93.1 93.1 93.5 93.7 93.7 93.7 94.2 94.2 94.2 94.2 94.3 94.3 94.5 94.7 GE 700 86.5 88.1 91.1 92.4 93.4 93.4 93.4 93.9 94.0 94.0 94.0 94.0 94.0 94.0 94.0 94		•														-	
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GE 900 86.2 87.8 90.8 92.0 92.9 92.9 93.3 93.4 93.4 94.0 94.0 94.0 94.1 94.1 94.3 94.5 GE 800 86.3 88.0 91.0 92.3 93.1 93.1 93.5 93.7 93.7 94.2 94.2 94.2 94.3 94.3 94.5 94.7 GE 700 86.5 88.1 91.1 92.4 93.4 93.4 93.9 94.0 94.0 94.0 94.5 94.5 94.5 94.6 94.6 94.8 95.1 GE 600 86.8 88.4 91.5 93.0 94.1 94.1 94.5 94.6 94.6 95.2 95.2 95.2 95.2 95.3 95.3 95.5 95.7 GE 500 87.2 88.8 92.2 94.0 95.2 95.3 95.9 96.1 96.1 96.1 96.7 96.7 96.7 96.9 96.9 97.1 97.3 GE 400 87.2 88.8 92.3 94.1 95.6 95.9 96.8 97.0 97.0 97.5 97.5 97.5 97.7 97.7 98.0 98.2 GE 300 87.2 88.8 92.3 94.1 95.6 95.9 96.8 97.0 97.0 97.5 97.5 97.5 97.5 97.7 97.7 98.0 98.2 GE 200 87.2 88.8 92.3 94.1 95.8 96.1 97.1 97.6 97.6 98.4 98.5 98.5 98.5 99.0 99.1 99.4 99.6 GE 100 87.2 88.8 92.3 94.1 95.8 96.1 97.1 97.6 97.6 98.4 98.5 98.5 98.5 99.0 99.1 99.4 99.6 GE 100 87.2 88.8 92.3 94.1 95.8 96.1 97.1 97.6 97.6 98.4 98.5 98.5 99.0 99.1 99.4 99.6 GE 100 87.2 88.8 92.3 94.1 95.8 96.1 97.1 97.6 97.6 98.4 98.5 98.5 99.0 99.1 99.4 99.6 GE 100 87.2 88.8 92.3 94.1 95.8 96.1 97.1 97.6 97.6 98.4 98.5 98.5 99.0 99.1 99.4 99.6 GE 100 87.2 88.8 92.3 94.1 95.8 96.1 97.1 97.6 97.6 97.6 98.4 98.5 98.5 99.0 99.1 99.4 99.6 GE 100 87.2 88.8 92.3 94.1 95.8 96.1 97.1 97.6 97.6 97.6 98.4 98.5 98.5 99.0 99.1 99.4 99.6 GE 100 87.2 88.8 92.3 94.1 95.8 96.1 97.1 97.6 97.6 97.6 98.4 98.5 98.5 99.0 99.1 99.4 99.6 GE 100 87.2 88.8 92.3 94.1 95.8 96.1 97.1 97.6 97.6 97.6 98.4 98.5 98.5 99.0 99.1 99.4 99.6 GE 100 87.2 88.8 92.3 94.1 95.8 96.1 97.1 97.6 97.6 97.6 98.4 98.5 98.5 99.0 99.1 99.4 99.5	GE 100	ก่อง	87.6	9 0 4	91.6	92.5	92.5	92.9	93 0	93.0	93.5	93.5	93.5	93.7	93.7	93.9	94.1
GE 800 86.3 88.0 91.0 92.3 93.1 93.1 93.5 93.7 94.2 94.2 94.2 94.3 94.3 94.5 94.7 GE 700 86.5 88.1 91.1 92.4 93.4 93.4 93.9 94.0 94.0 94.5 94.5 94.5 94.6 94.6 94.6 94.8 95.1 GE 600 86.8 88.4 91.5 93.0 94.1 94.1 94.5 94.6 94.6 94.6 95.2 95.2 95.2 95.3 95.3 95.5 95.7 GE 500 87.2 88.8 92.2 94.0 95.2 95.3 95.9 96.1 96.1 96.1 96.7 96.7 96.7 96.9 96.9 97.1 97.3 GE 400 87.2 88.8 92.3 94.1 95.6 95.9 96.8 97.0 97.0 97.5 97.5 97.5 97.5 97.7 97.7 98.0 98.2 GE 300 87.2 88.8 92.3 94.1 95.7 96.0 97.0 97.5 97.5 97.5 97.5 97.5 97.7 97.7 98.0 98.2 GE 200 87.2 88.8 92.3 94.1 95.8 96.1 97.1 97.6 97.6 98.4 98.5 98.5 99.0 99.1 99.4 99.6 GE 100 87.2 88.8 92.3 94.1 95.8 96.1 97.1 97.6 97.6 98.4 98.5 98.5 99.0 99.1 99.4 99.6 GE 100 87.2 88.8 92.3 94.1 95.8 96.1 97.1 97.6 97.6 98.4 98.5 98.5 99.0 99.1 99.4 99.6 GE 100 87.2 88.8 92.3 94.1 95.8 96.1 97.1 97.6 97.6 98.4 98.5 98.5 99.0 99.1 99.4 99.6												-					
GE 700 86.5 88.1 91.1 92.4 93.4 93.9 94.0 94.0 94.5 94.5 94.6 94.6 94.6 94.8 95.1 GE 600 86.8 88.4 91.5 93.0 94.1 94.1 94.5 94.6 94.6 94.6 95.2 95.2 95.2 95.3 95.3 95.5 95.7 GE 500 87.2 88.8 92.2 94.0 95.2 95.3 95.9 96.1 96.1 96.7 96.7 96.7 96.7 96.9 96.9 97.1 97.3 GE 400 87.2 88.8 92.3 94.1 95.6 95.9 96.8 97.0 97.0 97.5 97.5 97.5 97.7 97.7 98.0 98.2 GE 300 87.2 88.8 92.3 94.1 95.7 96.0 97.0 97.5 97.5 97.5 97.5 97.5 97.5 97.7 97.7																	
GE 600 86.8 88.4 91.5 93.0 94.1 94.1 94.5 94.6 94.6 95.2 95.2 95.2 95.3 95.3 95.5 95.7 GE 500 87.2 88.8 92.2 94.0 95.2 95.3 95.9 96.1 96.1 96.7 96.7 96.7 96.7 96.9 96.9 97.1 97.3 GE 400 87.2 88.8 92.3 94.1 95.6 95.9 96.8 97.0 97.0 97.5 97.5 97.5 97.7 97.7 98.0 98.2 GE 300 87.2 88.8 92.3 94.1 95.7 96.0 97.0 97.5 97.5 97.5 97.5 97.7 97.7 98.0 98.2 GE 200 87.2 88.8 92.3 94.1 95.8 96.1 97.1 97.6 97.6 98.4 98.5 98.5 98.0 99.1 99.4 99.5 GE 100 87.2 88.8 92.3 94.1 95.8 96.1 97.1 97.6 97.6 98.4 98.5 98.5 99.0 99.1 99.4 99.5 GE 100 87.2 88.8 92.3 94.1 95.8 96.1 97.1 97.6 97.6 98.4 98.5 98.5 99.0 99.1 99.4 99.5 99.8 100.0		•															
GE 500 87.2 88.8 92.2 94.0 95.2 95.3 95.9 96.1 96.1 96.7 96.7 96.7 96.9 96.9 97.1 97.3 GE 400 87.2 88.8 92.3 94.1 95.6 95.9 96.8 97.0 97.0 97.5 97.5 97.5 97.7 97.7 98.0 98.2 GE 300 87.2 88.8 92.3 94.1 95.7 96.0 97.0 97.5 97.5 98.3 98.3 98.3 98.3 98.5 98.6 98.8 99.0 GE 200 87.2 88.8 92.3 94.1 95.8 96.1 97.1 97.6 97.6 98.4 98.5 98.5 99.0 99.1 99.4 99.6 GE 100 87.2 88.8 92.3 94.1 95.8 96.1 97.1 97.6 97.6 98.4 98.5 98.5 99.0 99.1 99.4 99.6																	
GE 400 87.2 88.8 92.3 94.1 95.6 95.9 96.8 97.0 97.0 97.5 97.5 97.5 97.7 97.7 98.0 98.2 GE 300 87.2 88.8 92.3 94.1 95.7 96.0 97.0 97.5 97.5 98.3 98.3 98.3 98.3 98.5 98.6 98.8 99.0 GE 200 87.2 88.8 92.3 94.1 95.8 96.1 97.1 97.6 97.6 98.4 98.5 98.5 98.5 99.0 99.1 99.4 99.6 GE 100 87.2 88.8 92.3 94.1 95.8 96.1 97.1 97.6 97.6 98.4 98.5 98.5 98.5 99.4 99.5 99.8 100.0	GE OU	1	00.4	71.3	73.0	74.1	74.1	74.7	74.0	74.0	,,,,	73.2	,,	73.3	,,,,	,,,,	,,,,,
GE 400 87.2 88.8 92.3 94.1 95.6 95.9 96.8 97.0 97.0 97.5 97.5 97.5 97.7 97.7 98.0 98.2 GE 300 87.2 88.8 92.3 94.1 95.7 96.0 97.0 97.5 97.5 98.3 98.3 98.3 98.3 98.5 98.6 98.8 99.0 GE 200 87.2 88.8 92.3 94.1 95.8 96.1 97.1 97.6 97.6 98.4 98.5 98.5 98.5 99.0 99.1 99.4 99.6 GE 100 87.2 88.8 92.3 94.1 95.8 96.1 97.1 97.6 97.6 98.4 98.5 98.5 98.5 99.4 99.5 99.8 100.0	GE 50	กไหรว	88.8	92.2	94 N	95.2	95 3	95 9	96 1	96 1	96.7	96.7	96.7	96.9	96.9	97.1	97.3
GE 300 87.2 88.8 92.3 94.1 95.7 96.0 97.0 97.5 97.5 98.3 98.3 98.3 98.5 98.6 98.8 99.0 GE 200 87.2 88.8 92.3 94.1 95.8 96.1 97.1 97.6 97.6 98.4 98.5 98.5 99.0 99.1 99.4 99.6 GE 100 87.2 88.8 92.3 94.1 95.8 96.1 97.1 97.6 97.6 98.4 98.5 98.5 99.4 99.5 99.8 100.0		•															
GE 200 87.2 88.8 92.3 94.1 95.8 96.1 97.1 97.6 97.6 98.4 98.5 98.5 99.0 99.1 99.4 99.6 GE 100 87.2 88.8 92.3 94.1 95.8 96.1 97.1 97.6 97.6 98.4 98.5 98.5 99.4 99.5 99.8 100.0																	
GE 100 87.2 88.8 92.3 94.1 95.8 96.1 97.1 97.6 97.6 98.4 98.5 98.5 99.4 99.5 99.8 100.0								-									
GE 000 87.2 88.8 92.3 94.1 95.8 96.1 97.1 97.6 97.6 98.4 98.5 98.5 99.4 99.5 99.8 100.0	JE 10	1 07.2	00.0	76.3	74.1	77.0	70.1	71.1	71.0	,, .o	70.4	ر. ن,	70.7	77.4	77.3	,,.0	,00.0
de door die date 7213 7211 7210 7011 7110 7110 7110 7110 7110	GE OO	1 0 87 2	88.8	92 3	94 1	Q5 R	96 1	97.1	97.6	97.6	98.4	98.5	98.5	99.4	99.5	99_R	100.0
	JL 00	0, 0,.2		,,,,,	77.1		,,,,,										

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5 MONTH: JAN HOURS: 03-05

				LS1	TO UT	C: + 5					MONT	i: JAN	HOURS	: 03-05			
 CE I	LING	• • • • • •	• • • • • •		• • • • • • •	• • • • • • •	VISIBIL	ITY IN	STATUTI	MILES	• • • • • •	• • • • • •		• • • • • • •	• • • • • •	•••••	• • • • • •
	N I	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
	ΕT	7	6	5	4	3	2 1/2	2		1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
		' • • • • • •								• • • • • •							
МО	CEIL	 E/ 4	55.1	56.5	57.2	57.7	57.7	58.4	58.5	58.5	58.7	58.7	58.7	59.1	59.1	59.4	59.7
NU	CEIL)4.0 	JJ. 1	,0.,	31.2	37.1	31.1	70.4	,0.,	,,,,	30.7	30.1	20.7	J7.1	37.1	37.4	39.1
	20000		62.8	64.7	65.5	66.2	66.2	66.9	67.0	67.0	67.3	67.3	67.3	67.7	67.7	68.0	68.3
	18000		62.8	64.7	65.5	66.2	66.2	66.9	67.0	67.0	67.3	67.3	67.3	67.7	67.7	68.0	68.3
	16000		62.8	64.7	65.5	66.2	66.2	66.9	67.0	67.0	67.3	67.3	67.3	67.7	67.7	68.0	68.3
	14000		62.8	64.7	65.5	66.2	66.2	66.9	67.0	67.0	67.3	67.3	67.3	67.7	67.7	68.0	68.3
GE	12000	63.2	63.9	65.8	66.6	67.3	67.3	68.0	68.1	68.1	68.4	68.4	68.4	68.8	68.8	69.0	69.4
GE	10000	68.2	68.8	71.0	71,7	72.5	72.5	73.1	73.2	73.2	73.5	73.5	73.5	74.0	74.0	74.2	74.5
GE	9000	68.7	69.4	71.5	72.3	73.0	73.0	73.7	73.8	73.8	74.1	74.1	74.1	74.5	74.5	74.7	75.1
GE	8000	69.9	70.5	72.7	73.4	74.4	74.4	75.1	75.2	75.2	75.5	75.5	75.5	75.9	75.9	76.1	76.5
GE		70.1	70.8	72.9	73.7	74.6	74.6	75.3	75.4	75.4	75.7	75.7	75.7	76.1	76.1	76.3	76.7
GE	6000	70.4	71.1	73.2	74.0	74.9	74.9	75.6	75.7	75.7	76.0	76.0	76.0	76.5	76.5	76.7	77.0
GE	5000	72.0	72.7	74.8	75.6	76.6	76.6	77.2	77.3	77.3	77.6	77.6	77.6	78.1	78.1	78.3	78.6
GE		73.8	74.5	76.8	77.5	78.7	78.7	79.4	79.5	79.5	79.8	79.8	79.8	80.2	80.2	80.4	80.8
GE		74.6	75.5	77.7	78.6	79.8	79.8	80.4	80.5	80.5	80.9	80.9	80.9	81.3	81.3	81.5	81.8
GE		76.7	77.5	80.0	80.9	82.0	82.0	82.7	82.8	82.8	83.1	83.1	83.1	83.5	83.5	83.8	84.1
GE		78.1	78.9	81.4	82.3	83.5	83.5	84.2	84.3	84.3	84.6	84.6	84.6	85.1	85.1	85.3	85.6
OL.	3000	1 70.	70.7	01.4	02.5	03.5	03.5	04.2	04.3	04.5	04.0	04.0	04.0	05.1	05.1	05.5	03.0
GE	2500	79.2	80.2	82.8	83.8	85.1	85.1	85.7	85.8	85.8	86.1	86.1	86.1	86.6	86.6	86.9	87.2
GE	2000	80.4	81.6	84.7	85.8	87.5	87.5	88.2	88.3	88.3	88.6	88.6	88.6	89.0	89.0	89.4	89.7
GΕ	1800	80.6	81.8	85.1	86.2	88.0	88.0	88.6	88.7	88.7	89.0	89.0	89.0	89.5	89.5	89.8	90.1
GE	1500	81.4	82.7	86.3	87.5	89.2	89.2	89.9	90.0	90.0	90.3	90.3	90.3	90.8	90.8	91.1	91.4
GE	1200	82.0	83.3	87.1	88.4	90.1	90.1	90.8	90.9	90.9	91.2	91.2	91.2	91.6	91.6	91.9	92.3
GE	1000	82.4	83.7	87.4	88.7	90.4	90.4	91.1	91.2	91.2	91.5	91.5	91.5	91.9	91.9	92.3	92.6
GE		82.5	83.8	87.5	88.8	90.5	90.5	91.2	91.3	91.3	91.6	91.6	91.6	92.0	92.0	92.4	92.7
GE		82.9	84.2	88.0	89.2	91.0	91.0	91.6	91.7	91.7	92.0	92.0	92.0	92.5	92.5	92.8	93.1
GE	,	83.1	84.6	88.4	89.7	91.6	91.6	92.3	92.4	92.4	92.7	92.7	92.7	93.1	93.1	93.4	93.8
GE		83.2	84.8	88.6	90.0	92.3	92.5	93.1	93.2	93.2	93.5	93.5	93.5	94.0	94.0	94.3	94.6
65	F00.	07.7	05 7	00.0	00.5	07.1	07.7	0/ 0	0/ 3	04.3	0/ 5	O/ E	0/ 5	0/ 0	0/ 0	OF 7	OF 4
GE		83.7	85.3	89.0	90.5	93.1	93.3	94.0	94.2	94.2	94.5	94.5	94.5	94.9	94.9	95.3	95.6
G€		83.8	85.4	89.5	91.1	93.9	94.4	95.2	95.4	95.4	95.9	95.9	95.9	96.3	96.3	96.7	97.0
GE		83.8	85.4	89.5	91.1	94.1	94.6	95.5	95.8	95.8	96.3	96.5	96.5	96.9	96.9	97.2	97.5
GE	,	83.8	85.4	89.7	91.3	94.3	94.8	95.7	96.1	96.1	97.2	97.3	97.3	98.3	98.3	98.6	99.1
GE	1001	83.8 I	85.4	89.7	91.3	94.3	94.8	95.7	96.2	96.2	97.4	97.5	97.5	98.9	98.9	99.5	100.0
GE	000	83.8	85.4	89.7	91.3	94.3	94.8	95.7	96.2	96.2	97.4	97.5	97.5	98.9	98.9	99.5	100.0
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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: JAN HOURS: 06-08

				Lai	10 016	+)					MONTH	. JAN	nooks.	00-00			
CE	LINC	• • • • • • •	• • • • • • •		• • • • • • •	• • • • • • •			STATUTE		• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • • •	•••••	• • • • • •
	LING	65	٥.	65	C.E.	c.r					CE	CE	CE	CE	C.E	C.E.	C.E.
	N	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FE	ET	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
• • •	• • • • • • •		• • • • • • •		•••••	• • • • • •	• • • • • • •	• • • • • •		• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	•••••	• • • • •
	ļ																
NO	CEIL	45.4	45.9	47.2	48.1	49.0	49.4	50.4	50.8	50.8	51.0	51.0	51.0	51.9	51.9	52.2	52.8
	- 1																
GE	20000	54.6	55.3	57.6	58.6	59.7	60.0	61.2	61.5	61.5	61.9	61.9	61.9	62.9	62.9	63.2	63.9
GE	18000	55.2	55.8	58.2	59.1	60.2	60.5	61.7	62.0	62.0	62.5	62.5	62.5	63.4	63.4	63.8	64.4
GE	16000	55.3	55.9	58.3	59.2	60.3	60.6	61.8	62.2	62.2	62.6	62.6	62.6	63.5	63.5	63.9	64.5
GE	14000 j	55.9	56.6	58.9	59.9	61.0	61.3	62.5	62.8	62.8	63.2	63.2	63.2	64.2	64.2	64.5	65.2
GE	12000	57.8	58.5	60.9	61.8	62.9	63.2	64.4	64.7	64.7	65.2	65.2	65.2	66.1	66.1	66.5	67.1
GE	10000	60.9	61.6	64.0	64.9	66.0	66.3	67.5	67.8	67.8	68.3	68.3	68.3	69.2	69.2	69.6	70.2
GE	,	61.5	62.4	64.7	65.7	66.9	67.2	68.4	68.7	68.7	69.1	69.1	69.1	70.1	70.1	70.4	71.1
GE	•	62.6	63.7	66.0	67.1	68.6	68.9	70.1	70.4	70.4	70.9	70.9	70.9	71.8	71.8	72.2	72.8
GE		63.2	64.3	66.7	67.7	69.2	69.6	70.8	71.1	71.1	71.5	71.5	71.5	72.5	72.5	72.8	73.4
					68.5	70.0	70.3	71.5	71.8	71.8	72.3	72.3	72.3	73.2	73.2	73.5	74.2
GE	6000	04.0	65.1	67.4	00.5	70.0	70.5	(1.5	11.0	11.0	14.3	12.3	12.3	13.2	13.2	/3.5	14.2
0.5	5000	, F ,		(0.1	70.0	74 7	77.0	777 7	77 E	7 7 F	7/ 0	7 / 0	7/ 0	7/ 0	7/ 0	75 7	75.0
GE		65.6	66.8	69.1	70.2	71.7	72.0	73.2	73.5	73.5	74.0	74.0	74.0	74.9	74.9	75.3	75.9
GE		67.2	68.4	70.8	71.8	73.3	73.7	74.8	75.2	75.2	75.6	75.6	75.6	76.6	76.6	76.9	77.5
GE	4000		69.4	71.7	72.8	74.3	74.6	75.8	76.1	76.1	76.6	76.6	76.6	77.5	77.5	77.8	78.5
GE		70.2	71.4	73.9	75.2	76.7	77.0	78.3	78.6	78.6	79.0	79.0	79.0	80.0	80.0	80.3	81.0
GE	3000	71.2	72.5	74.9	76.2	77.7	78.1	79.4	79.7	79.7	80.1	80.1	80.1	81.1	81.1	81.4	82.0
	1																
GE	2500	71.7	73.0	75.7	77.0	78.5	78.8	80.1	80.4	80.4	80.9	80.9	80.9	81.8	81.8	82.2	82.8
GE	2000	73.5	74.8	77.6	78.9	80.5	80.9	82.3	82.6	82.6	83.0	83.0	83.0	84.0	84.0	84.3	84.9
GE	1800	74.4	75.8	78.6	79.9	81.5	81.8	83.2	83.5	83.5	84.0	84.0	84.0	84.9	84.9	85.3	85.9
GE	1500 İ	75.6	77.2	80.1	81.4	83.0	83.4	84.8	85.2	85.2	85.6	85.6	85.6	36.6	86.6	86.9	87.5
GE		76.5	78.2	81.1	82.5	84.1	84.5	86.0	86.3	86.3	86.8	86.8	86.8	87.7	87.7	88.1	88.7
							•	••••	• • • •	•••							•
GE	1000	77.3	79.0	82.2	83.7	85.3	85.7	87.2	87.6	87.6	88.1	88.1	88.1	89.0	89.0	89.4	90.0
GE	,	77.4	79.1	82.4	83.9	85.5	85.9	87.4	87.8	87.8	88.3	88.3	88.3	89.2	89.2	89.6	90.2
GE		77.6	79.5	82.9	84.5	86.3	86.8	88.4	88.8	88.8	89.2	89.2	89.2	90.2	90.2	90.5	91.2
GE		78.4	80.2	83.7	85.4	87.4	87.8	89.5	89.9	89.9	90.3	90.3	90.3	91.3	91.3	91.6	92.3
		78.9		84.2		88.5					91.5	91.5	91.5	92.5	92.5	92.8	93.4
GΕ	0001	78.9	80.8	04.2	86.1	88.5	88.9	90.5	91.0	91.1	91.5	91.5	91.5	92.5	92.5	92.0	93.4
c.e	5001	70 1	91.0	0/ E	04 0	00.0	00.3	01.0	02.7	02.7	02.0	02.0	02.9	07.0	07.0	0/ 1	0/ 7
GE		79.1	81.0	84.5	86.8	89.8	90.2	91.8	92.3	92.4	92.8	92.8	92.8	93.8	93.8	94.1	94.7
GE	,	79.4	81.2	84.7	87.1	90.6	91.1	92.8	93.3	93.4	93.9	93.9	93.9	95.3	95.3	95.6	96.2
GE		79.4	81.2	84.7	87.2	90.8	91.4	93.2	93.8	93.9	94.3	94.4	94.4	95.9	95.9	96.2	96.9
GE		79.4	81.2	84.8	87.4	91.0	91.6	93.8	94.5	94.6	95.3	95.6	95.7	97.5	97.5	97.8	98.7
GE	100	79.4	81.2	84.8	87.4	91.0	91.6	93.9	94.6	94.7	95.4	95.8	95.9	97.8	97.8	98.7	99.9
	1																
GE	000	79.4	81.2	84.8	87.4	91.0	91.6	93.9	94.6	94.7	95.4	95.8	95.9	97.8	97.8	98.7	100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NAS: SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5 MONTH: JAN HOURS: 09-11

				LSI	וזט טזי	C: + 5					MONT	H: JAN	HOURS	: 09-11			
CEI	LING		•••••	• • • • • •			VISIBIL	ITY IN	STATUTI	MILES	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	•••••	• • • • • •	• • • • •
I	IN GE GE GE GE GE GE GE GE GE GE GE GE GE																
FE	ET	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
• • • •	• • • • •		• • • • • • •	· · · · · · ·				•••••	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •		• • • • • •	• • • • • •	
NO (CEIL	48.1	48.9	49.2	49.5	49.9	49.9	50.1	50.1	50.1	50.3	50.3	50.3	50.3	50.3	50.3	50.3
cr ·	20000	59.9	40.0	41.3	41 /	41.0	61.8	62.0	42.0	42.0	/2 7	42.7	/2 7	43.4		43.5	42. 5
		60.4	60.8 61.3	61.2 61.8	61.4 62.0	61.8 62.5	62.5	62.7	62.0 62.7	62.0 62.7	62.3 62.9	62.3 62.9	62.3 62.9	62.4 63.0	62.4 63.0	62.5 63.1	62.5 63.1
	1	61.5	62.4	62.9	63.1	63.5	63.5	63.8	63.8	63.8	64.0	64.0	64.0	64.1	64.1	64.2	64.2
		62.8	63.7	64.2	64.4	64.8	64.8	65.1	65.1	65.1	65.3	65.3	65.3	65.4	65.4	65.5	65.5
		64.8	65.7	66.3	66.6	67.0	67.0	67.2	67.2	67.2	67.4	67.4	67.4	67.5	67.5	67.6	67.6
GE.	12000	04.0	03.1	00.3	00.0	01.0	01.0	0,,,,	01.2	0,	07.4	01.4	07.4	01.5	07.5	07.0	07.0
GE '	10000	66.9	68.0	68.7	68.9	69.4	69.4	69.6	69.6	69.6	69.8	69.8	69.8	69.9	69.9	70.0	70.0
GE	,	67.6	<i>6</i> 8.7	69.5	69.7	70.2	70.2	70.4	70.4	70.4	70.6	70.6	70.6	70.8	70.8	70.9	70.9
GE	,	70.1	71.2	71.9	72.2	72.8	72.8	73.1	73.1	73.1	73.3	73.3	<i>7</i> 3.3	73.4	73.4	73.5	73.5
GE	,	71.1	72.2	72.9	73.1	73.8	73.8	74.1	74.1	74.1	74.3	74.3	74.3	74.4	74.4	74.5	74.5
GE	6000	71.8	72.9	73.7	73.9	74.6	74.6	74.9	74.9	74.9	75.2	75.2	75.2	75.3	75.3	75.4	75.4
GE	5000	74.2	75.6	76.6	76.8	77.5	77.5	77.8	77.8	77.8	78.1	78.1	78.1	78.2	78.2	78.3	78.3
GE	4500	75.8	77.3	78.3	78.6	79.4	79.4	79.7	79.7	79.7	79.9	79.9	79.9	80.0	80.0	80.1	80.1
GE	4000	76.8	78.3	79.4	79.7	80.4	80.4	80.8	80.8	80.8	81.0	81.0	81.0	81.1	81.1	81.2	81.2
GE	3500	77.6	79.4	81.0	81.3	82.0	82.0	82.4	82.4	82.4	82.6	82.6	82.6	82.7	82.7	82.8	82.8
GE	3000	78.2	80.0	81.6	81.9	82.8	82.8	83.1	83.1	83.1	83.3	83.3	83.3	83.4	83.4	83.5	83.5
GE	25001	79.1	81.0	82.6	83.0	84.0	84.0	84.3	84.3	84.3	84.5	84.5	84.5	84.6	84.6	84.7	84.7
GE		81.5	83.4	85.2	85.8	87.0	87.0	87.5	87.5	87.5	87.7	87.7	87.7	87.8	87.8	88.0	88.0
GE		82.3	84.3	86.0	86.7	88.0	88.0	88.5	88.5	88.5	88.7	88.7	88.7	88.8	88.8	88.9	88.9
GE	,	83.0	85.2	86.9	87.5	88.9	88.9	89.6	89.6	89.6	89.9	89.9	89.9	90.0	90.0	90.1	90.1
GE		84.6	86.8	88.6	89.2	90.6	90.6	91.3	91.3	91.3	91.6	91.6	91.6	91.7	91.7	91.8	91.8
05	1000	0, 0	07.0	00.0	00.5	20.0	00.0	01 (01.4		04.0	01.0		02.0		
GE		84.8 84.8	87.0 87.0	88.8	89.5	90.9	90.9	91.6	91.6	91.6	91.9	91.9	91.9	92.0 92.2	92.0	92.2	92.2
GE	,	84.9	87.2	88.9	89.6	91.0	91.0 91.3	91.7 92.0	91.7 92.0	91.7	92.0	92.0	92.0		92.2	92.3	92.3
GE				89.1	89.9	91.3				92.0	92.4	92.4	92.4	92.5	92.5	92.6	92.6
GE GE		85.2 85.6	87.4 88.2	89.4 90.3	90.4 91.9	91.9 93.5	92.0 93.7	92.8 94.6	92.8 94.6	92.8	93.2 95.3	93.2 95.3	93.2 95.3	93.3 95.4	93.3 95.4	93.4	93.4 95.5
UĘ	000	05.0	00.2	90.3	91.9	93.5	93.7	94.0	94.0	94.7	75.3	95.3	95.3	95.4	95.4	95.5	70.0
GE		85.6	88.3	90.9	92.5	94.1	94.3	95.4	95.4	95.5	96.0	96.0	96.0	96.1	96.1	96.2	96.2
GE	,	85.6	88.3	90.9	92.7	94.5	94.7	96.2	96.6	96.7	97.4	97.4	97.4	97.6	97.6	97.7	97.7
GE		85.9	88.7	91.3	93.1	94.9	95.3	96.9	97.2	97.3	98.1	98.1	98.1	98.3	98.3	98.4	98.4
GE		85.9	88.7	91.3	93.2	95.1	95.4	97.1	97.8	98.0	98.9	98.9	98.9	99.5	99.5	99.6	99.6
GE	100	85.9	88.7	91.3	93.2	95.1	95.4	97.1	97.8	98.0	98.9	98.9	98.9	99.5	99.5	100.0	100.0
GE	ا 1000	85.9	88.7	91.3	93.2	95.1	95.4	97.1	97.8	98.0	98.9	98.9	98.9	99.5	99.5	100.0	100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5 MONTH: JAN HOURS: 12-14

																 .	• • • • • •
	LING								STATUTE								
	N	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FE	ΕT	1 7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
•••	•••••			• • • • • • • •		• • • • • • •	• • • • • • •	• • • • •		• • • • • •	• • • • • •		• • • • • • •		• • • • • •	• • • • • • •	
NO	CEIL) 48.6	48.9	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
GΕ	20000	64.8	65.3	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE	18000	65.2	65.6	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE	16000	65.9	66.3	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE	14000	66.9	67.3	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GΕ	12000	69.9	70.3	70.6	70.8	70.8	70,8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
	10000		70.0	77. 0	77 7	77 7	77 7	77 7	77 7	77 7	77 7	77 7	77 7	77 7	77 7	77 7	77 7
		72.3	72.9	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE		74.2	74.8	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3 76.9	75.3 76.9	75.3	75.3	75.3	75.3 76.9
GE		75.7	76.5	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9			76.9	76.9	76.9	
GE		76.2	77.0	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE	6000	76.9	77.6	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE	5000	77.6	78.5	78.9	79.0	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE	4500	80.3	81.2	81.6	81.7	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE	4000	81.0	81.9	82.4	82.5	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE	3500	82.8	83.9	84.3	84.5	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE	3000	83.9	85.1	85.5	85.7	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
٥.	2500	1 04 1	07 /	00 1	88.5	89.0	80.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
G€		86.1	87.4	88.1			89.0	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE		88.9	90.5	91.2	91.8	92.5	92.5				93.2	93.0	93.0	93.0	93.0	93.0	93.0
GE		89.1	90.8	91.4	92.0	92.7	92.7	93.1	93.2 93.7	93.2	93.7	93.7	93.7	93.7	93.7	93.2	93.2
GE		89.4	91.0	91.6	92.4	93.0 93.5	93.0 93.5	93.4	94.2	93.7 94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE	1200	89.8	91.4	92.0	92.9	93.5	93.5	94.0	74.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE	1000	89.9	91.6	92.4	93.2	93.9	93.9	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GΕ	900	90.0	91.8	92.6	93.4	94.1	94.1	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE	800	90.2	92.0	92.8	94.0	94.8	94.8	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE	701	90.6	92.6	93.4	94.7	95.6	95.6	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE	600	90.9	92.9	93.9	95.3	96.8	96.8	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
	500		07.1	04 3	05.0	07.4	07 (20.0	00.7	00.7	00.7	00.7	00.7	00.7	00.7	00.7	09.7
GE		91.1	93.1	94.2	95.8	97.4	97.4	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE		91.1	93.2	94.4	96.1	98.2	98.2	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE		91.1	93.2	94.4	96.1	98.2	98.2	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		91.1	93.2	94.4	96.1	98.2	98.2	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	100	91.1	93.2	94.4	96.1	98.2	98.2	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GΕ	000	 91.1	93.2	94.4	96.1	98.2	98.2	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88

LST TO UTC: + 5 MONTH: JAN HOURS: 15-17

		LS	T TO UT	C: + 5					MONT	1: JAN	HOURS	3: 15-17	7		
CEILING			• • • • • • •	• • • • • • •	VISIRII	ITY IN	STATUT	MILES	• • • • • •		• • • • • •		• • • • • • •	• • • • • •	• • • • • •
	GE G	E GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET		6 5	4	3	2 1/2	2		1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
											• • • • • •				
NO 6511 1 (1	e , ,e	.9 45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
NO CEIL 4	5.6 45	.9 45.9	45.9	45.9	43.9	43.9	43.9	45.9	45.9	43.9	43.9	45.9	43.9	45.9	43.9
GE 20000 6	4.1 64	.5 64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 18000 6	4.2 64	.6 64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 16000 6	5.1 65	.5 65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 14000 6			66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 12000 6	7.8 68	.3 68.3	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
GE 10000 7	1.0 71	.5 71.6	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 9000 7			73.7	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 8000 7			76.6	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 7000 7			77.0	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 3000 7			78.0	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
Ì															
GE 5000 7			79.2	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 4500 7			81.3	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 4000 8			82.9	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 3500 84			86.0	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 3000 85	5.5 86	.2 86.9	87.5	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 2500 8	7.2 88	.1 88.8	89.6	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 2000 8			91.2	91.8	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 1800 8			91.7	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 1500 8			92.7	93.4	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 1200 8			93.2	94.0	94.0	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
			07.7	0 : 4	0.4	O/ 7	0, ,	0, ,	0, ,	0, ,	0 / /	04 /	٠,	04.4	0/ /
GE 1000 8			93.3	94.1	94.1	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4 94.6
GE 900 8			93.5	94.3	94.3	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	
GE 800 9			94.2	94.9	94.9	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 700 9			94.6	95.8	95.8	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 600 9	0.4 92	.2 93.5	95.3	96.8	96.8	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 500 9	0.5 92	.3 93.7	95.6	97.4	97.4	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 400 9	0.9 92	.6 94.1	96.0	98.0	98.0	99.0	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 300 9	0.9 92	.6 94.1	96.0	98.0	98.G	99.0	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 200 9	0.9 92	.6 94.1	96.0	98.0	98.0	99.0	99.4	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 100 9	0.9 92	.6 94.1	96.0	98.0	98.0	99.0	99.4	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0
						00.0		00 /	00.0	00.0	00.0	100.0	100.0	100.0	100.0
GE 000 9	0.9 92	.6 94.1	96.0	98.0	98.0	99.0	99.4	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: LASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5 MONTH: JAN HOURS: 18-20

			LSI	10 010	: + 5					MONTH	: JAN	HOURS:	18-20			
CEILING		• • • • • •		•••••	•••••	VISIBIL	ITY IN	STATUTE	MILES	•••••		• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •
IN	GE	GE	GE	GE	GE	GE	GE	GE	GÉ	GE	GE	GE	GE	GE	GE	GE
FEET	j 7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
	į															
NO CEIL	53.0	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
				40.0	40.0			40.0			(0.0	40.0	40.0			40.0
GE 20000		68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9 68.9	68.9 68.9	68.9	68.9	68.9	68.9
GE 18000	•	68.9	68.9	68.9 68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 16000	,	68.9	68.9		68.9	68.9	68.9	68.9	68.9	68.9 68.9	68.9	68.9	68.9 68.9	68.9 68.9	68.9	68.9
GE 14000	•	68.9	68.9 69.1	68.9 69.1	68.9 69.1	68.9 69.1	68.9 69.1	68.9 69.1	68.9 69.1	69.1	69.1	69.1	69.1	69.1	68.9 69.1	68.9 69.1
GE 12000	1 00.9	69.1	09.1	09.1	09.1	07.1	07.1	07.1	09.1	07.1	07.1	07.1	07.1	07.1	07.1	07.1
GE 10000	l I 737	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
	77.4	77.8	78.1	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
,	77.8	78.3	78.5	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
	78.6	79.0	79.2	79.2	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
02 0000		.,	, , , , ,													
GE 5000	79.8	80.2	80.4	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 4500	83.0	83.5	83.8	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 4000	84.7	85.3	85.7	85.8	85.9	86.0	86.0	86.0	86.0	0.65	86.0	86.0	86.0	86.0	86.0	86.0
GE 3500	86.3	87.0	87.4	88.2	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 3000	87.4	88.1	88.5	89.4	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
i	İ															
GE 2500	87.8	88.6	89.0	90.0	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 2000	89.5	90.4	91.1	92.2	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 1800	90.0	91.0	91.6	92.7	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 1500	90.5	91.7	92.5	94.0	94.1	94.2	94.2	94.2	94.2	94.2	94.2	942	94.2	94.2	94.2	94.2
GE 1200	90.8	91.9	92.7	94.2	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
ļ																_
	90.9	92.0	92.8	94.3	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
,	91.0	92.3	93.0	94.5	94.7	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
,	91.1	92.4	93.1	94.6	94.8	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
	91.2	92.5	93.2	94.7	95.2	95.4	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 600	91.5	92.9	93.9	95.4	95.8	96.0	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
or F00	1 01 0	07 (۰, ۲	04.7	04.0	07.0	07.7	00 /	00 /	00 /	00 (00 /	00 /	00 /	00 /	00 /
	91.9	93.4	94.5	96.3	96.9	97.2	97.7	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
,	92.0	93.5	94.6	96.5	97.3	97.7	98.7	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
	92.0	93.5	94.6	96.5	97.3	97.7	98.7	99.4	99.4	99.7	99.7	99.7 99.7	99.7	99.7	99.7	99.7
	92.0	93.5 93.5	94.6	96.5	97.3 97.3	97.7	98.7	99.4	99.4	99.7 99.7	99.7 99.7	99.7	99.7 99.7	99.8 99.8	100.0	100.0
GE 100	92.0	Y3.5	94.6	96.5	97.3	97.7	98.7	99.4	99.4	77.1	77.7	44.7	77.7	77.8	100.0	100.0
GE 0001	 9 2.0	93.5	94.6	96.5	97.3	97.7	98.7	99.4	99.4	99.7	99.7	99.7	99.7	99.8	100.0	100.0
ue 000	,,,,,,	73,3	74.0	,,,,,,,	71.3	7/ 4/	,,,,,	77. 4	,,,,,	,,,,	,,,,,	,,,,,	****			

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5 PERIOD OF RECORD: NOV 78 - OCT 88

				LS	10 011	J: + 5					MONTH	1: JAN	HOURS	: 21-23			
CEIL	ING		•••••	• • • • • •		• • • • • • •	VISIBIL	ITY IN	STATUTE	MILES	• • • • • •		• • • • • •		•••••		• • • • • •
I N FEE	,	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE O
NO C	 EIL	58.1	58.2	58.5	58.6	58.6	58.6	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
CE 2	ا مممور	66.1	66.3	67.0	67.3	67.4	67.4	67.5	67.6	47 4	67.6	67.6	(7 (47 (47.4	47.4	67.6
	,	66.1	66.3	67.0	67.3	67.4	67.4	67.5	67.6	67.6 67.6	67.6	67.6	67.6 67.6	67.6 67.6	67.6 67.6	67.6 67.6	67.6
	,	66.1	66.3	67.0	67.3	67.4	67.4	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
	,	66.6	66.8	67.4	67.7	67.8	67.8	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
		67.4	67.8	68.6	69.0	69.1	69.1	69.2	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 1	 0000	70.6	71.2	71.9	72.4	72.5	72.5	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE '	9000 i	71.4	71.9	72.7	73.1	73.2	73.2	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 3	8000 j	75.1	75.6	76.3	76.8	76.9	76.9	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE	7000	75.5	76.0	76.8	77.2	77.3	77.4	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE	6000	75.9	76.5	77.2	77.6	77.7	77.8	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
		78.7	79.2	80.1	80.5	80.6	80.8	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
		82.4	82.9	83.9	84.3	84.4	84.5	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
		84.2	84.7	85.8	86.3	86.5	86.6	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
	,	86.2	86.8	88.0	88.7	88.9	89.0	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE :	3000 J	87.6	88.2	89.4	90.1	90.3	90.6	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
		88.6	89.4	90.5	91.3	91.5	91.8	91.9	92.0	92.0	92. 0	92.0	92.0	92.0	92.0	92.0	92.0
		89.8	90.6	91.9	92.7	93.0	93.3	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
		89.9	90.8	92.0	92.8	93.1	93.4	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
		90.3	91.2	92.5	93.5	93.9	94.2	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE	1200	90.9	91.7	93.1	94.2	94.5	94.8	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
	,	90.9	91.7	93.1	94.2	94.5	94.8	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE	,	91.1	91.9	93.3	94.4	94.7	95.1	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE		91.1	91.9	93.4	94.5	94.9	95.3	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE	,	91.2	92.0	93.7	94.7	95.2	95.5	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
G€	006 	91.6	92.7	94.5	96.0	96.9	97.3	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE	1	91.9	93.0	94.8	96.3	97.4	97.8	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE	,	91.9	93.0	94.8	96.3	97.7	98.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE	,	91.9	93.0	94.8	96.3	97.7	98.2	99.2	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE		91.9	93.0	94.8	96.3	97.7	98.2	99.2	99.5	99.5	99.6	99.6	99.6	99.9	99.9	99.9	99.9
GE	100	91.9	93.0	94.8	96.3	97.7	98.2	99.2	99.5	99.5	99.6	99.6	99.6	99.9	99.9	100.0	100.0
GE	000	91.9	93.0	94.8	96.3	97.7	98.2	99.2	99.5	99.5	99.6	99.6	99.6	99.9	99.9	100.0	100.0
• • • • •		• • • • • •		• • • • • • •				• • • • • •	• • • • • •		• • • • • •		• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 MONTH: JAN HOURS: ALL

				10 0.0												
CELLING	CEILING VISIBILITY IN STATUTE MILES IN GE GE GE GE GE GE GE GE GE GE GE GE GE															
	l ce	GE	GE	C.F.	GE					GF	GE	GF.	GE	GE	GE	CE
FEET	7	6	5	4	3	2 1/2	2		1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
FEET	1 '	0	,	4	3	4 1/2	۷	1 1/2	1 1/4		3/4	2/0	1/2	3/6	1/4	U
• • • • • • • •		• • • • • • •	• • • • • • •			• • • • • • •	• • • • • •		• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •				• • • • • •
NO CEIL	51.0	51.4	52.0	52.3	52.6	52.6	52.9	53.0	53.0	53.1	53.1	53.1	53.3	53.3	53.4	53.5
NO CETE	1 31.0	J1. 4	32.0	72.3	٥٠	32.0	36.7	33.0	73.0	,,,,	23.1	,,,,	,,,,	,,,,	JJ.4	23.2
GE 2000	1 62 8	63.3	64.2	64.6	65.0	65.0	65.3	65.4	65.4	65.6	65.6	65.6	65.8	65.8	65.9	66.0
GE 18000	•	63.5	64.4	64.8	65.2	65.2	65.5	65.6	65.6	65.8	65.8	65.8	66.0	66.0	66.1	66.2
GE 16000	•	63.9	64.8	65.2	65.5	65.6	65.9	66.0	66.0	66.1	66.1	66.1	66.3	66.3	66.4	66.6
GE 14000		64.4	65.3	65.8	66.1	66.2	66.5	66.5	66.5	66.7	66.7	66.7	66.9	66.9	67.0	67.2
	•				67.7	67.7	68.0	68.1	68.1	68.3	68.3	68.3	68.5	68.5	68.6	68.7
GE 12000	1 65.5	65.9	66.8	67.3	01.1	67.7	00.0	00.1	06.1	00.3	00.5	00.3	00.5	00.	00.0	00.1
GE 10000	1 69 7	69.4	70.4	70.9	71.2	71.3	71.6	71.7	71.7	71.8	71.8	71.8	72.0	72.0	72.1	72.3
	0 69.7	70.4	71.4	71.9	72.3	72.4	72.7	72.7	72.7	72.9	72.9	72.9	73.1	73.1	73.2	73.4
				74.3	74.8	74.8	75.2	75.2	75.2	75.4	75.4	75.4	75.6	75.6	75.7	75.9
	72.0	72.7	73.8				75.7									
	72.4	73.2	74.2	74.7	75.3	75.3		75.7	75.7	75.9	75.9	75.9	76.1	76.1	76.2	76.4
GE 6000	73.1	73.8	74.9	75.4	75.9	76.0	76.3	76.4	76.4	76.6	76.6	76.6	76.8	76.8	76.9	77.0
GE 5000	 74.8	75.6	76.7	77.2	77.8	77.8	78.2	78.2	78.2	78.4	78.4	78.4	78.6	78.6	78.7	78.9
	•		79.2	79.8	80.4	80.4	80.8	80.8	80.8		81.0	81.0	81.2		81.3	81.5
	77.2	78.1								81.0				81.2		
	78.5	79.4	80.6	81.2	81.8	81.8	82.2	82.2	82.2	82.4	82.4	82.4	82.6	82.6	82.7	82.9
	80.5	81.5	82.9	83.6	84.2	84.3	84.7	84.7	84.7	84.9	84.9	84.9	85.1	85.1	85.2	85.4
GE 3000	81.7	82.7	84.1	84.9	85.6	85.7	86.0	86.1	86.1	86.3	86.3	86.3	86.5	86.5	86.6	86.7
GE 2500	1 01 82.8	83.9	85.4	86.2	87.0	87.1	87.4	87.5	87.5	87.7	87.7	87.7	87.9	87.9	88.0	88.2
	1 84.6	85.9		88.5	89.3	89.4	89.9	90.0	90.0	90.2	90.2	90.2	90.4	90.4	90.5	90.6
			87.5													
	85.0	86.3	88.0	88.9	89.8	89.9	90.4	90.5	90.5	90.7	90.7	90.7	90.9	90.9	91.0	91.1
	85.5	87.0	88.8	89.9	90.8	90.9	91.4	91.5	91.5	91.7	91.7	91.7	91.9	91.9	92.0	92.2
GE 1200	86.3	87.7	89.6	90.8	91.7	91.8	92.3	92.4	92.4	92.6	92.6	92.6	92.8	92.8	92.9	93.1
GE 1000	86.5	87.9	89.9	91.1	92.0	92.1	92.6	92.8	92.8	93.0	93.0	93.0	93.2	93.2	93.3	93.4
	86.6	88.1	90.1	91.3	92.2	92.3	92.9	93.0	93.0	93.2	93.2	93.0	93.4	93.4	93.5	93.7
				91.3	92.7	92.8		93.5		93.7	93.7	93.7	93.4	93.4	94.0	94.2
	86.8	88.3	90.4				93.4		93.5							
	87.0	88.6	90.7	92.1	93.3	93.4	94.0	94.1	94.1	94.4	94.4	94.4	94.6	94.6	94.7	94.8
GE 600	1 87.4	89.1	91.3	92.9	94.3	94.5	95.2	95.3	95.4	95.6	95.6	95.6	95.8	95.8	95.9	96.1
or End	1 07 4	9O /	91.7	93.5	95.2	95.4	04 1	04 /	04 5	96.7	96.7	96.7	96.9	96.9	97.0	97.2
	87.6	89.4					96.1	96.4	96.5							98.4
	87.7	89.5	91.9	93.7	95.7	96.0	97.2	97.5	97.5	97.9	97.9	97.9	98.1	98.1	98.3	
	87.8	89.6	92.0	93.8	95.8	96.2	97.4	97.8	97.8	98.3	98.3	98.3	98.6	98.6	98.7	98.9
	87.8	89.6	92.0	93.9	95.9	96.3	97.5	98.0	98.0	98.6	98.7	98.7	99.2	99.3	99.4	99.6
GE 100	87.8	89.6	92.0	93.9	95.9	96.3	97.5	98.0	98.1	98.7	98.7	98.8	99.4	99.4	99.7	100.0
05 000	1 07 0	80 (02.0	07.0	05.0	04.7	07.5	00 0	00.1	00.7	00.7	00.0	00 /	99.4	00.7	100.0
GE 000	87.8	89.6	92.0	93.9	95.9	96.3	97.5	98.0	98.1	98.7	98.7	98.8	99.4	77.4	77./	100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: FEB HOURS: 00-02

				LS	TO UT	C: + 5					MONT	H: FEB	HOURS	: 00-02			
CEILI	ING		• • • • • • •				VISIBII	ITY IN	STATUT	 E MILES	• • • • • •	• • • • • •	• • • • • •			•••••	• • • • •
IN		GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	T :	7	6	5	4	3	2 1/2	2		1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
	•																
		 	F0.4	50.0	40.0	40.0	41.0	/A E			(3.0	42.0	42.0	40.0			(2.2
NO CE	E1L	57.6	58.1	58.9	60.0	60.9	61.0	61.5	61.8	61.8	62.0	62.0	62.0	62.0	62.0	62.1	62.2
GE 20	0000	64.3	64.8	65.8	67.1	68.1	68.2	68.8	69.3	69.3	69.4	69.4	69.4	69.4	69.4	69.5	69.6
GE 18	3000	64.4	64.9	66.0	67.3	68.2	68.3	68.9	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.6	69.7
GE 16	5000 j	64.4	64.9	66.0	67.3	68.2	68.3	68.9	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.6	69.7
GE 14	4000	64.4	64.9	66.0	67.3	68.2	68.3	68.9	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.6	69.7
GE 12	2000	65.3	65.7	66.8	68.1	69.0	69.1	69.7	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.4	70.6
GF 10	0000	68.4	68.9	70.1	71.4	72.3	72.4	73.0	73.5	73.5	73.6	73.6	73.6	73.6	73.6	73.7	73.9
		69.5	70.0	71.7	73.0	74.0	74.1	74.7	75.1	75.1	75.3	75.3	75.3	75.3	75.3	75.4	75.5
	,	72.6	73.0	74.8	76.1	77.0	77.1	77.7	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.4	78.6
		74.8	75.3	77.1	78.4	79.4	79.5	80.1	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.8	80.9
		75.3	75.7	77.6	78.9	79.9	80.0	80.6	81.0	81.0	81.2	81.2	81.2	81.2	81.2	81.3	81.4
GE 5	5000	76.0	76.6	78.4	79.7	80.7	80.8	81.4	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.1	82.2
	,	77.9	78.4	80.3	81.6	82.6	82.7	83.3	83.7	83.7	83.9	83.9	83.9	83.9	83.9	84.0	84.1
		78.4	79.0	80.9	82.2	83.2	83.3	83.9	84.3	84.3	84.5	84.5	84.5	84.5	84.5	84.6	84.7
		80.3	81.2	83.0	84.3	85.3	85.4	86.0	86.5	86.5	86.7	86.7	86.7	86.7	86.7	86.8	86.9
		81.9	82.7	84.6	85.9	87.2	87.3	87.9	88.3	88.3	88.6	88.6	88.6	88.6	88.6	88.7	88.8
-		82.6	83.4	85.3	86.6	87.9	88.0	88.6	89.0	89.0	89.3	89.3	89.3	89.3	89.3	89.4	89.5
		85.3	86.1	88.6	90.3	91.6	91.8	92.3	92.8	92.8	93.1	93.1	93.1	93.1	93.1	93.2	93.3
		85.4	86.2	88.7	90.5	91.8	91.9	92.5	92.9	92.9	93.2	93.2	93.2	93.2	93.2	93.3	93.4
		86.1	86.9	89.5	91.9	93.2	93.3	93.9	94.3	94.3	94.6	94.6	94.6	94.6	94.6	94.7	94.8
GE 1	1200	86.8	87.6	90.2	92.6	93.9	94.0	94.6	95.1	95.1	95.3	95.3	95.3	95.3	95.3	95.4	95.5
GE 1	ا [1000	86.8	87.6	90.2	92.6	93.9	94.0	94.7	95.2	95.2	95.4	95.4	95.4	95.4	95.4	95.5	95.6
G€	900 j	86.8	87.8	90.5	92.8	94.1	94.2	94.9	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.8	95.9
GE	800	86.9	88.1	90.8	93.2	94.5	94.6	95.3	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.1	96.2
GE	70	87.3	88.5	91.3	93.6	94.9	95.1	95.8	96.2	96.2	96.5	96.5	96.5	96.5	96.5	96.6	96.7
GE	600	87.9	89.0	91.9	94.2	95.5	95.6	96.3	96.8	96.8	97.1	97.1	97.1	97.1	97.1	97.2	97.3
G E	500 l	87.9	89.0	92.1	94.7	96.0	96.1	96.8	97.3	97.3	97.5	97.5	97.5	97.5	97.5	97.6	97.8
GE	,	87.9	89.0	92.1	94.7	96.0	96.1	96.9	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.8	97.9
GE	,	88.0	89.3	92.3	94.9	96.3	96.5	97.8	98.2	98.2	98.5	98.5	98.5	98.8	98.8	98.9	99.1
GE		88.1	89.4	92.6	95.2	96.6	96.7	98.0	98.5	98.5	98.7	98.8	98.8	99.3	99.3	99.5	99.6
GE		88.1	89.4	92.6	95.2	96.6	96.7	98.0	98.5	98.5	98.7	98.8	98.8	99.3	99.3	99.5	100.0
CE	0001	00 1	9n /	92.6	95.2	96.6	96.7	98.0	98.5	98.5	98.7	98.8	98.8	99.3	99.3	99.5	100.0
GE	0001	88.1	89.4	42.0	45.2	90.0	70.1	70.0	70.	70.)	70./	70.0	70.0	77.3	77.3	,,, ,	

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5 MONTH: FEB HOURS: 03-05

				LSI	10 010	: + >					MUNIN	: FEB	HOUKS:	03-05			
CE I	LING	• • • • • •			• • • • • • •	• • • • • •			STATUTE		• • • • • •		• • • • • • •	• • • • • • • •	• • • • • •		• • • • • •
	N I	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
	ΕT	7	6	5	4	3	2 1/2	2		1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
	E 1				.											1/4	
•••																	
NO	CEIL	51.5	51.5	53.5	55.0	56.2	56.4	57.4	57.6	57.6	58.2	58.4	58.4	58.5	58.5	58.5	58.8
	į																
GΕ	20000	61.1	61.2	63.6	65.3	66.7	67.0	68.1	68.3	68.3	69.0	69.3	69.3	69.4	69.4	69.4	69.6
GE	18000	61.2	61.4	63.7	65.4	66.8	67.1	68.2	68.4	68.4	69.1	69.4	69.4	69.5	69.5	69.5	69.7
GE	16000	61.2	61.4	63.7	65.4	66.8	67.1	68.2	68.4	68.4	69.1	69.4	69.4	69.5	69.5	69.5	69.7
GE	14000	61.8	62.0	64.3	66.0	67.4	67.7	68.8	69.0	69.0	69.7	70.0	70.0	70.1	70.1	70.1	70.3
GE	12000	62.4	62.5	64.9	66.5	68.0	68.3	69.4	69.6	69.6	70.3	70.6	70.6	70.7	70.7	70.7	70.9
	1																
	10000		64.4	66.9	68.6	70.0	70.3	71.4	71.6	71.6	72.3	72.6	72.6	72.7	72.7	72.7	72.9
GE		66.0	66.1	68.9	70.6	72.0	72.3	73.4	73.6	73.6	74.3	74.6	74.6	74.7	74.7	74.7	74.9
GΕ	,	68.8	69.1	72.0	73.7	75.1	75.5	76.6	76.8	76.8	77.5	77.7	77.7	77.9	77.9	77.9	78.1
GE	7000	70.3	70.8	73.9	75.7	77.1	77.5	78.6	78.8	78.8	79.5	79.7	79.7	79.9	79.9	79.9	80.1
GE	6000	70.7	71.1	74.2	76.1	77.5	77.9	78.9	79.2	79.2	79.9	80.1	80.1	80.2	80.2	80.2	80.4
	50001	-	70.0	-1 / 0	77.0	70.7	30 /	00.7		00.0			04.0			00.0	00.0
GE	,	72.4	72.9	76.0	77.9	79.3	79.6	80.7	80.9	80.9	81.6	81.9	81.9	82.0	82.0	82.0	82.2
GE	1	74.3	74.8	77.9	79.7	81.2	81.5	82.6	82.8	82.8	83.5	83.7	83.7	83.9	83.9	83.9	84.1
GE	. ,	75.0	75.5	78.7	80.6	82.0	82.3	83.5	83.7	83.7	84.5	84.7	84.7	84.8	84.8	84.8	85.0
GΕ		77.4	77.9	81.0	82.9	84.3	84.7	85.9	86.1	86.1	86.8	87.0	87.0	87.2	87.2	87.2	87.4
GE	3000	79.9	80.3	83.5	85.4	87.2	87.5	88.7	88.9	88.9	89.6	89.9	89.9	90.0	90.0	90.0	90.2
GE	25001	80.4	80.9	84.1	86.0	87.8	88.1	89.3	89.5	89.5	90.2	90.5	90.5	90.6	90.6	90.6	90.8
GE	,	81.4	81.9	85.6	87.6	89.4	89.8	90.9	91.2	91.2	91.9	92.1	92.1	92.2	92.2	92.2	92.5
		81.5	82.0		88.2	90.0	90.3	91.5	91.8	91.8	92.5	92.7	92.7	92.8	92.8	92.8	93.1
GE		82.2	82.8	86.2 87.0	89.2	90.0	91.3	92.5	92.7	92.7	93.4	93.6	93.6	93.8	93.8	93.8	94.0
GE	,		83.4	87.6	89.8	91.5	91.9	93.1	93.3	93.3	94.0	94.2	94.2	94.3	94.3	94.3	94.6
GE	1200	82.7	03.4	01.0	09.0	91.5	91.9	73.1	93.3	93.3	94.0	94.2	74.2	94.5	94.3	94.3	94.0
GE	1000	82.7	83.5	87.8	89.9	91.6	92.0	93.2	93,4	93.4	94.1	94.3	94.3	94.5	94.5	94.5	94.7
GE		83.2	84.0	88.2	90.3	92.1	92.5	93.6	93,9	93.9	94.7	94.9	94.9	95.1	95.1	95.1	95.3
GE	,	83.7	84.8	89.0	91.2	92.9	93.3	94.5	94.7	94.7	95.5	95.8	95.8	95.9	95.9	95.9	96.1
GE		84.0	85.2	89.4	91.6	93.4	93.8	95.2	95.4	95.4	96.3	96.6	96.6	96.7	96.7	96.7	96.9
GE	,	84.5	85.6	89.9	92.2	94.0	94.3	95.8	96.0	96.0	96.9	97.2	97.2	97.3	97.3	97.3	97.5
	1							• •	, _ , ,								
GE	500	84.6	85.7	90.0	92.3	94.2	94.6	96.0	96.2	96.2	97.2	97.4	97.4	97.5	97.5	97.5	97.8
GE	4661	84.9	86.1	90.3	92.7	94.6	94.9	96.3	96.6	96.6	97.5	97.8	97.8	97.9	97.9	97.9	98.1
GE	300 j	85.0	86.2	90.5	92.8	94.8	95.2	97.3	97.5	97.5	98.5	98.7	98.7	98.8	98.8	98.8	99.1
GE	200	85.0	86.2	90.5	92.8	94.9	95.4	97.5	97.8	97.8	98.7	98.9	98.9	99.1	99.1	99.3	99.5
GE	100	85.0	86.2	90.5	92.8	94.9	95.4	97.5	97.8	97.8	98.8	99.1	99.1	99.2	99.2	99.4	99.8
	Ì																
GE	000	85.0	86.2	90.5	92.8	94.9	95.4	97.5	97.8	97.8	98.8	99.1	99.1	99.2	99.2	99.4	100.0
						• • • • •				• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •		• • • • • •

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5 PERIOD OF RECORD: NOV 78 - OCT 88

			LSI	10 010	+)						n: FEB	nouks	: 00-00			
CEILING	• • • • • • • •	•••••	• • • • • • •		•••••			STATUT			• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •		
IN	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
	1													,		
NO CEIL	41.8	42.2	44.5	45.3	47.1	47.1	47.9	48.2	48.2	48.9	49.2	49.2	50.1	50.1	50.4	50.4
	1		44.5	73.5	****		****					****	20	50	20.4	30.4
GE 20000	 51 1	51.6	54.3	55.2	57.0	57.1	58.0	58.2	58.2	59.0	59.4	59.4	60.2	60.2	60.5	60.5
GE 18000		51.6	54.3	55.2	57.0	57.1	58.0	58.2	58.2	59.0	59.4	59.4	60.2	60.2	60.5	60.5
GE 16000		51.6	54.3	55.2	57.0	57.1	58.0	58.2	58.2	59.0	59.4	59.4	60.2	60.2	60.5	60.5
					58.0		58.9					-				
GE 14000		52.3	55.1	56.2		58.1		59.1	59.1	60.0	60.3	60.3	61.1	61.1	61.5	61.5
GE 12000	55.1	53.7	56.7	57.7	59.6	59.7	60.5	60.8	8.06	61.6	62.0	62.0	62.8	62.8	63.1	63.1
GE 10000		56.8	60.0	61.1	63.0	63.1	64.0	64.2	64.2	65.0	65.4	65.4	66.2	66.2	66.5	66.5
GE 9000	58.1	58.7	62.1	63.3	65.1	65.3	66.1	66.3	66.3	67.1	67.5	67.5	68.3	68.3	68.7	68.7
GE 8000	59.4	60.2	63.6	64.8	66.7	66.8	67.6	67.8	67.8	68.7	69.0	69.0	69.8	69.8	70.2	70.2
GE 7000	60.4	61.4	65.1	66.3	68.2	68.3	69.1	69.4	69.4	70.2	70.6	70.6	71.4	71.4	71.7	71.7
GE 6000	61.1	62.1	65.8	67.0	68.9	69.0	69.8	70.2	70.2	71.0	71.4	71.4	72.3	72.3	72.7	72.7
	ì															
GE 5000	63.6	64.5	68.4	69.6	71.5	71.6	72.4	72.8	72.8	73.6	74.0	74.0	74.9	74.9	75.3	75.3
GE 4500	65.4	66.3	70.2	71.4	73.3	73.4	74.2	74.6	74.6	75.4	75.7	75.7	76.7	76.7	77.0	77.0
GE 4000	66.3	67.3	71.4	72.6	74.4	74.6	75.6	76.0	76.0	76.8	77.1	77.1	78.2	78.2	78.6	78.6
	68.4	69.8	74.4	75.6	77.5	77.6	78.7	79.0	79.0	79.9	80.2	80.2	81.3	81.3	81.6	81.6
	70.8	72.2	76.8	78.0	80.1	80.2	81.3	81.6	81.6	82.4	82.8	82.8	83.9	83.9	84.2	84.2
GL 3,500	1 .0.0	,		70.0	00.	00.0	0	00	00	00.4	02.0	02.0	03.7	03.7		U -1.2
GE 2500	71.5	72.9	77.6	78.9	81.0	81.2	82.2	82.6	82.6	83.4	83.7	83.7	84.8	84.8	85.2	85.2
	72.6	74.2	79.3	81.4	83.5	83.6	84.7	85.0	85.0	85.9	86.2	86.2	87.3	87.3	87.6	87.6
	72.6	74.2	79.3	81.4	83.6	83.7	84.8	85.2	85.2	86.0	86.3	86.3	87.4	87.4	87.8	87.8
	73.5	75.1	80.4	82.7	85.0	85.2	86.2	86.6	86.6	87.4	87.8	87.8	88.8	88.8	89.2	89.2
	74.3			83.7		-	87.	87.9	87.9	88.7	89.0	89.0	90.1	90.1	90.5	90.5
GE 1200	1 /4.3	76.1	81.5	83.7	36.1	86.2	67.	87.9	67.9	00.7	69. 0	69.0	90.1	90.1	90.5	90.5
05 1000	"" ""	7 , ,	02.2	0, 5	04.0	04.0	00.7	00 7	00 7	90.5	90.0	90.0	00.0	00.0	01.7	91.3
	74.7	76.6	82.2	84.5	86.8	86.9	88.3	88.7	88.7	89.5	89.9	89.9	90.9	90.9	91.3	
	74.7	76.6	82.2	84.6	87.2	87.3	88.7	89.0	89.0	90.0	90.3	90.3	91.4	91.4	91.8	91.8
	75.1	77.1	82.9	85.4	88.1	88.2	89.6	90.0	90.0	91.2	91.5	91.5	92.6	92.6	92.9	92.9
	75.5	77.5	83.4	86.0	88.8	88.9	90.3	90.8	90.8	92.0	92.3	92.3	93.4	93.4	93.8	93.8
GE 600	75.6	77.6	83.6	86.2	89.3	89.4	90.8	91.3	91.3	92.6	92.9	92.9	94.0	94.0	94.3	94.3
	75.9	77.9	84.0	86.6	89.8	89.9	91.3	91.8	91.8	93.2	93.5	93.5	94.7	94.7	95.1	95.1
GE 400	76.3	78.4	84.7	87.3	90.7	90.8	92.3	92.8	92.8	94.2	94.7	94.7	95.9	95.9	96.2	96.2
GE 300	75.3	78.4	84.7	87.3	90.9	91.0	93.2	93.8	93.8	95.3	95.8	95.8	97.1	97.1	97.4	97.4
GE 200	76.3	78.4	84.8	67.4	91.4	91.6	93.8	94.3	94.3	96.1	96.6	96.6	98.0	98.0	98.5	98.7
GE 100	76.3	78.4	84.8	87.4	91.4	91.6	93.8	94.3	94.3	96.1	96.7	96.7	98.6	98.6	99.2	99.8
	1															
GE 000	76.3	78.4	84.8	87.4	91.4	91.6	93.8	94.3	94.3	96.1	96.7	96.7	98.6	98.6	99.2	100.0
				<u> </u>												

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: FEB HOURS: 09-11

				LST	TO UTO	: + 5					MONTH	: FEB	HOURS:	09-11			
CEI	LING	• • • • • •			•••••	•••••	VISIRII	 ITV IN	STATUTE	MILES	•••••	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	•••••	• • • • • •
	N	GE.	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FE.	,	7	6	5	4	3	2 1/2	2		1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
	• • • • • • •				· · · · · · · · ·			. .									
						. = =			/ 7 5		, -,	, ,	,,,			, -,	
NO	CEIL	46.8	47.0	47.3	47.5	47.5	47.5	47.5	47.5	47.5	47.6	47.6	47.6	47.6	47.6	47.6	47.6
GE	20000	58.9	59.1	59.5	59.6	59.6	59.6	59.6	59.7	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8
GE	18000	59.1	59.4	59.7	59.8	59.8	59.8	59.8	60.0	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE	16000	59.6	59.8	60.2	60.3	60.3	60.3	60.3	60.4	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5
GE	14000	60.3	60.5	60.9	61.0	61.0	61.0	61.0	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2
GE	12000	63.0	63.3	63.6	63.7	63.7	63.7	63.7	63.8	63.8	64.0	64.0	64.0	64.0	64.0	64.0	64.0
GE	10000	 65 6	66.2	66.5	66.9	66.9	66.9	66.9	67.0	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE	,	66.7	67.3	67.8	68.3	68.3	68.3	68.3	68.4	68.4	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE		68.8	69.4	70.1	70.6	70.6	70.6	70.6	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE		69.7	70.3	71.0	71.5	71.5	71.5	71.5	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE	,	71.0	71.7	72.4	72.9	72.9	72.9	72.9	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE	00001	1 71.0	11.1	12.4	12.7	12.7	12.7	12.7	73.0	,,,,	, , , ,	, , , ,	73.1	73.1	73.1	73.1	73.1
GE	5000	72.6	73.3	74.2	74.7	74.7	74.7	74.7	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE	4500	75.0	75.7	76.7	77.1	77.1	77.1	77.1	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE	4000	76.7	77.5	78.7	79.2	79.2	79.2	79.2	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GΕ	3500 i	79.7	80.6	82.0	82.6	82.6	82.6	82.6	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE		81.7	82.7	84.2	84.8	84.8	84.8	84.8	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0
	j																
GE		82.3	83.4	84.9	85.6	85.7	85.7	85.9	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE		83.5	84.7	86.5	87.5	87.6	87.6	87.9	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE	1800	83.6	84.8	86.7	87.8	87.9	87.9	88.1	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE	1500	84.8	86.0	88.0	89.0	89.2	89.2	89.4	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE	1200	85.9	87.0	89.3	90.5	90.7	90.7	90.9	91.0	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE	1000 l	86.5	87.6	90.5	92.0	92.2	92.2	92.5	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE		87.3	88.5	91.3	92.9	93.3	93.3	93.6	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE		87.8	89.0	92.2	94.0	94.3	94.3	94.7	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE		88.0	89.4	92.8	94.7	95.1	95.1	95.4	95.6	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE		88.0	89.4	93.1	94.9	95.4	95.4	95.8	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
Q.L			۵,,4	,,,,	, ,	73.4	73.4	,,,,	70.0	,0.0	, , , ,	,0.,	,0.,	,,,,	,,,,	, 0	70.
GE	,	88.2	89.8	93.4	95.4	95.9	95.9	96.3	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE		88.2	89.8	93.5	95.5	96.2	96.2	96.7	97.1	97.1	97.3	97.4	97.4	97.4	97.4	97.4	97.4
GE	300	88.2	89.8	93.5	95.5	96.5	96.6	97.2	97.8	97.8	98.1	98.4	98.4	98.6	98.7	98.7	98.7
GE	200	88.2	89.8	93.5	95.5	96.5	96.6	97.2	97.9	97.9	98.4	98.6	98.6	98.9	99.2	94.3	99.6
GE	100	88.2	89.8	93.5	95.5	96.5	96.6	97.2	97.9	97.9	98.5	98.7	98.7	99.1	99.3	92.5	99.9
GE	000	88.2	89.8	93.5	95.5	96.5	96.6	97.2	97.9	97.9	98.5	98.7	98.7	99.1	99.3	99.5	100.0
• • • •	• • • • • •	• • • • • •	• • • • • • •		• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •		• • • • • •	• • • • • •	• • • • • •

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5 MONTH: FEB HOURS: 12-14

				LSI	10 010	+)						n. reb		12-14			
CEILI	NG	• • • • • • •	• • • • • • •						N STATUT				• • • • • • •			• • • • • •	
IN		GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	G€
FEET	i		6	5	4	3	2 1/2	2		1 1/4		3/4	5/8	1/2	3/8	1/4	0
													-,-	.,.			
	1																
NO CE	11 1	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
	}									, , , , ,							
GE 20	nnn l	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 18			61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 16	•		62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 14	,		62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
GE 12	,		65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
ue 12	000	05.5	03.0	03.0	07.0	07.0	05.0	03.0	05.0	02.0	05.0	05.0	03.0	05.0	05.0	03.0	03.0
GE 10	000	60 6	69.7	69.7	70.0	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
		70.8	70.9	70.9	71.4	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
		73.4	73.5	73.5		74.0	74.0	74.1	74.1	-	74.1	74.1	74.1	74.1	74.1	74.1	74.1
-					74.0		74.9	75.0	75.0	74.1 75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
-	,	74.3	74.4	74.4	74.9	74.9											76.7
GE 61	ן טטט	75.9	76.0	76.1	76.6	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	10.1
	!			70.0	70 5	70 5	70.0	70 /	70 /	70 (70 (70 /	70 (70 /	70 /	70 /	30 /
		78.3	78.6	79.0	79.5	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
		80.6	80.8	81.3	82.0	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
		83.2	83.4	83.9	84.6	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
		86.0	86.5	87.3	88.1	88.2	88.2	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 30	000	88.1	88.6	89.5	90.3	90.7	90.7	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
	1																
GE 2	500	89.4	90.0	90.9	91.8	92.1	92.1	92.2	92.3	92.3	92.3		923	92.3	92.3	92.3	92.3
GE 20	1000	90.9	91.5	92.6	93.4	93.8	93.8	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 18	1008	91.6	92.2	93.3	94.2	94.6	94.6	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 15	500	92.6	93.2	94.2	95.2	95.6	95.6	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 12	200	93.3	93.9	95.1	96.0	96.5	96.5	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
	i																
GE 10	000 i	93.5	94.1	95.3	96.2	96.7	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 9	i 009	94.0	94.6	96.0	96.9	97.4	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 8	800 i	94.1	94.7	96.5	97.5	98.0	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
		94.6	95.4	97,2	98.2	98.9	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
		94.9	95.9	97.6	98.7	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
J L ,	1	,,,,		,,,,	,,,,	,,,,			,,,,				, , , . .				
GE 5	รกกไ	94.9	95.9	97.6	98.8	99.5	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99,8	99.8
		94.9	95.9	97.6	98.8	99.5	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
-	,	94.9	95.9	97.6	98.8	99.5	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
		94.9	95.9	97.6	98.8	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	• ,	94.9	95.9	97.6	98.8	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
UE	100}	74.7	73.7	91.0	90.0	77.3	77.5	77.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	,00.0	,00.0
CE 1	ا ۱	94.9	95.9	97.6	98.8	99.5	99.5	00.0	100.0	100.0	100.0	100.0	100.0	100 0	100 0	100 0	100.0
GE (0001	74.7	73.7	91.0	70.0	77.3	77.7	77.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	.00.0	,00.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5 MONTH: FEB HOURS: 15-17

			LJ	10 01	U. + J					HON	n. rep	nooks	. 13-11			
CEILING	•••••			• • • • • • •	• • • • • •			STATUTI		• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •
IN	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	7	6	5	4	3	2 1/2	2		1 1/4		3/4	5/8	1/2	3/8	1/4	0
										' '					1/4	
	1															
NO CEIL	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
GE 2000	0 62.0	62.0	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 1800	0 62.0	62.0	621	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 1600	01 62.4	62.4	62.5	62.7	62.7	62.7	62.7	62.7	62,7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
GE 1400	•	63.1	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 1200		64.3	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64 5	64.5	64.5	64.5
	1													• • • • • • • • • • • • • • • • • • • •		0
GE 1000	0 69.1	69.1	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 900	0] 72.2	72.2	72.6	72.7	72.7	72,7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 800	0 75.7	75.7	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76,2	76.2	76.2	76.2
GE 700	0 75.7	75.7	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 600	0 76.9	76.9	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
	į															
GE 500	80.8	80.8	81.6	82.2	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 450	0 83.4	83.4	84.2	85.2	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 4001	oi 85.0	85.0	85.9	86.9	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 3500	0.78	87.0	87.9	89.0	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
	0 89.0	89.2	90.0	91.2	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5

GE 250	90.6	90.9	92.0	93.5	93.8	93.8	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 2006	91.9	92.3	93.5	95.1	95.3	95.3	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 180	8.59 10	93.3	94.5	96.0	96.5	96.5	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 1500	93.2	93.6	94.9	96.5	96.9	96.9	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 120	93.5	94.0	95.3	96.8	97.3	97.3	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
	Ì															
-	01 94.0	94.5	95.8	97.3	97.8	97.8	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 900	94.5	94.9	96.3	98.0	98.5	98.5	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 800	94.5	94.9	96.3	98.0	98.5	98.5	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 700	94.5	94.9	96.3	98.1	98.6	98.6	98.8	99.1	99.1	99.1	99,1	99.1	99.1	99.1	99.1	99.1
GE 600	94.6	95.1	96.7	98.8	99.3	99.3	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
	} ~ ~	05. 2	04.0	00.4	00.5	00.5			100 0	400.0	400 0				400 0	
	94.7	95.2	96.8	99.1	99.5	99.5	99.8			100.0	100.0	100.0	100.0	100.0	100.0	100.0
	94.7	95.2	96.8	99.1	99.5	99.5	99.8			100.0	100.0	100.0	100.0	100.0	100.0	100.0
	94.7	95.2	96.8	99.1	99.5	99.5	99.8			100.0	100.0	100.0	100.0	100.0	100.0	100.0
	94.7	95.2	96.8	99.1	99.5	99.5	99.8			100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	94.7	95.2	96.8	99.1	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	1 94.7	95.2	96.8	99.1	99.5	99.5	99.8	100.0	100 0	100.0	100 0	100.0	100.0	100.0	100.0	100.0
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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5 MONTH: FEB HOURS: 18-20

				1 10 01							n. reb		3. 10-20			
CEILING			• • • • • • •	• • • • • • •				STATUT						• • • • • • •	• • • • • • •	• • • • • •
IN	l GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	7	6	5	4	3	2 1/2	2		1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
1651	' '	·	,	7	•		.				3,4	3,0	.,,_	3,0	*/ +	·
			• • • • • • •		• • • • • •		• • • • • •		• • • • • • •	• • • • • •	• • • • • • •	• • • • • •		• • • • • •		• • • • • •
NO CEIL	1406	50.4	50.6	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	51.0	51.0	51.0	51.0
110 CE1E	1	20.4	50.0	,,,,	,,,,	2011			200.	20.,	••••	30.7	2	2	5,.0	2
GE 20000	1 65 0	66.0	66.2	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.8	66.8	66.8	66.8
GE 18000		66.1	66.3	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.9	66.9	66.9	66.9
GE 16000		66.2	66.4	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	67.0	67.0	67.0	67.0
GE 14000	•	68.0	68.2	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.8	68.8	68.8	68.8
GE 12000	•	68.6	68.8	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.4	69.4	69.4	69.4
GE 12000	1 07.0	00.0	00.0	09.3	09.5	07.3	07.3	07.3	37.3	U7.J	07.3	07.3	U7.4	U7.4	07.4	07.4
GE 10000	1 70 7	71.6	71.8	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.4	72.4	72.4	72.4
	72.6	73.9	74.8	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.6	75.6	75.6	75.6
	75.0	76.3	77.5	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.4	78.4	78.4	78.4
	75.7	77.0	78.2	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.2	79.2	79.2	79.2
	75.9	77.1	78.3	79.2	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.4	79.4	79.4	79.4
GE 6000	1 /3.9	77.1	10.3	19.2	14.6	17.2	19.3	17.3	19.3	17.3	17.3	79.3	17.4	17.4	17.4	17.4
CE 5000	1 77.9	79.2	80.6	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.9	81.9	81.9	81.9
	,				84.7	84.7	84.9	84.9	84.9	84.9	84.9	84.9	85.0	85.0	85.0	85.0
	80.6	81.9	83.4	84.5							86.5	86.5	86.6	85.6	86.6	86.6
	81.	83.2	84.7	85.9	86.1	86.1	86.5	86.5	86.5	86.5						88.2
	83.2	84.5	86.0	87.3	87.5	87.5	88.1	88.1	88.1	88.1	88.1	88.1	88.2	88.2	88.2	
GE 3000	85.6	87.2	88.8	90.2	90.5	90.5	91.0	91.0	91.0	91.0	91.0	91.0	91.2	91.2	91.2	91.2
25.00	1 0 7	00.7	20.1	01.0	00.4	92.1	92.7	92.7	92.7	92.7	92.7	92.7	92.8	92.8	92.8	92.8
	86.7	88.3	90.1	91.9	92.1							95.2	95.3			95.3
	88.5	90.6	92.3	94.3	94.6	94.6	95.2	95.2	95.2	95.2	95.2			95.3	95.3	95.3
	88.5	90.6	92.3	94.3	94.6	94.6	95.2	95.2	95.2	95.2	95.2	95.2	95.3	95.3	95.3	
	88.5	90.6	92.3	94.5	94.7	94.7	95.3	95.3	95.3	95.3	95.3	95.3	95.4	95.4	95.4	95.4
GE 1200	89.0	91.3	93.2	95.5	95.8	95.8	96.3	96.3	96.3	96.3	96.3	96.3	96.5	96.5	96.5	96.5
4000				05.0		a. 1	o. 3	n/ 7	04.3	04.3	04.3	0/ 7	04.0	04.0	04.0	04.9
	89.2	91.5	93.5	95.9	96.1	96.1	96.7	96.7	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.8
	89.2	91.6	93.6	96.0	96.2	96.2	96.8	96.8	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9
	89.4	91.9	93.9	96.3	96.6	96.6	97.2	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3
	89.4	92.0	94.1	96.8	97.1	97.1	97.6	97.6	97.6	97.6	97.6	97.6	97.8	97.8	97.8	97.8
GE 600	89.4	92.0	94.5	97.6	97.9	97.9	98.5	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6
	j															
	89.6	92.2	94.8	98.0	98.4	98.4	98.9	98.9	98.9	98.9	98.9	98.9	99.1	99.1	99.1	99.1
	89.9	92.5	95.1	98.4	99.1	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8
GE 300	90.0	92.6	95.2	98.5	99.2	99.2	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	90.0	92.6	95.2	98.5	99.2	99.2	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	90.0	92.6	95.2	98.5	99.2	99.2	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
	}															
GE 000	90.0	92.6	95.2	98.5	99.2	99.2	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5 MONTH: FEB HOURS: 21-23

				£21	10 016	.: + >					MUNIH	: FEB	HUUKS:	21-23			
CEI	LING	• • • • • • •	• • • • • • •			•••••	VISIBIL	ITY IN	STATUTE	MILES		• • • • • •	• • • • • • •		• • • • • •		• • • • • •
1	N	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEE		7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
	. .														• • • • • •		
	CE II		E7 2	E7 0	E0 1	80 7	E0 7	50 5	50 5	50 5	50 0	E0 0	50 0	E0 0	E0 0	E0 0	EO 0
NU	CEIL	56.5 I	57.2	57.8	58.1	58.3	58.3	58.5	58.5	58.5	58.8	58.8	58.8	58.8	58.8	58.8	59.0
		67.0	67.7	68.8	69.1	69.4	69.4	69.6	69.6	69.6	69.8	69.8	69.8	69.8	69.8	69.8	70.1
GΕ	18000	67.0	67.7	68.8	69.1	69.4	69.4	69.6	69.6	69.6	69.8	69.8	69.8	69.8	69.8	69.8	70.1
GE	16000	67.0	67.7	68.8	69.1	69.4	69.4	69.6	69.6	69.6	69.8	69.8	69.8	69.8	69.8	69.8	70.1
GE	14000	67.6	68.3	69.4	69.7	70.0	70.0	70.2	70.2	70.2	70.4	70.4	70.4	70.4	70.4	70.4	70.7
GE	12000	67.8	68.8	69.8	70.2	70.4	70.4	70.7	70.7	70.7	70.9	70.9	70.9	70.9	70.9	70.9	71.1
GE	10000	 71.3	72.4	73.5	73.9	74.1	74.1	74.3	74.3	74.3	74.6	74.6	74.6	74.6	74.6	74.6	74.8
GE		72.0	73.5	75.5	75.9	76.1	76.1	76.3	76.3	76.3	76.6	76.6	76.6	76.6	76.6	76.6	76.8
GE		75.3	76.8	78.8	79.2	79.4	79.4	79.6	79.6	79.6	79.9	79.9	79.9	79.9	79.9	79.9	80.1
GE		76.6	78.1	80.1	80.4	80.7	80.7	80.9	80.9	80.9	81.2	81,2	81.2	81.2	81.2	81.2	81.4
GE	6000		78.6	80.7	81.0	81.3	81.3	81.5	81.5	81.5	81.7	81.7	81.7	81.7	81.7	81.7	82.0
ű.	0000	1	70.0	00	01.0	05	05	0	0	0	0,,,	0,,,	01.1	31.17	01,1	01.,,	02.0
GE	5000	78.2	79.9	82.0	82.6	32.8	82.8	83.0	83.0	83.0	83.3	83.3	83.3	83.3	83.3	83.3	83.5
GΕ	4500	80.2	82.1	84.3	85.0	85.3	85.3	85.5	85.5	85.5	85.7	85.7	85.7	85.7	85.7	85.7	86.0
GE	4000	81.5	83.4	85.7	86.5	86.7	86.7	86.9	86.9	86.9	87.2	87.2	87.2	87.2	87.2	87.2	87.4
GE	3500	83.9	86.0	88.7	89.5	89.8	89.8	90.0	90.0	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.5
GE	3000	85.5	87.8	90.6	91.6	92.0	92.0	92.2	92.2	92.2	92.5	92.5	92.5	92.5	92.5	92.5	92.7
GE	2500	86.1	88.3	91.2	92.2	92.7	92.7	92,9	92.9	92.9	93.2	93.2	93.2	93.2	93.2	93.2	93.4
GE		87.3	89.5	92.6	93.6	94.2	94.2	94.5	94.5	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.9
GE		87.4	89.6	92.7	93.8	94.3	94.3	94.6	94.6	94.6	94.8	94.8	94.8	94.8	94.8	94.8	95.1
GE		87.6	89.9	92.9	94.3	94.9	94.9	95.2	95.2	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.6
GE		88.1	90.3	93.4	94.8	95.4	95.4	95.6	95.6	95.6	95.9	95.9	95.9	95.9	95.9	95.9	96.1
OL.	. 200	00.1	,0.5	73.4	74.0	,,,,	73.4	73.0	73.0	,,,,	,,,,	,,,,	,,,,	,,,,	,,,,	,,,	,
GΕ		88.2	90.5	93.5	94.9	95.5	95.5	95.8	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.2
GE	900	88.2	90.8	93.9	95.3	95.9	95.9	96.1	96.1	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.6
GE		88.3	91.0	94.1	95.5	96.1	96.1	96.3	96.3	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.8
GE	700	88.7	91.4	94.5	95.9	96.5	96.5	96.7	96.7	96.7	96.9	96.9	96.9	96.9	96.9	96.9	97.2
GE	600	88.9	91.8	94.9	96.3	96.9	96.9	97.2	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.6
GE	5001	 89.2	92.0	95.6	97.1	97.6	97.6	97.9	97.9	97.9	98.1	98.1	98.1	98,1	98.1	98.1	98.4
GE		89.2	92.0	95.6	97.1	97.6	97.6	97.9	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.4
GE	,	89.6	92.5	96.1	97.5	98.2	98.2	98.9	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.4
GE		89.6	92.5	96.1	97.6	98.5	98.5	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.6
GE		89.6	92.5	96.1	97.6	98.5	98.5	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.6
UE	100	37.0	76.5	70.1	71.0	70.3	70.7	**.6	77.6	77.6	77.4	77.4	77.4	77.4	77.4	77.4	77.0
GΕ	000	89.6	92.5	96.1	97.6	98.5	98.5	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	100.0
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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: FEB HOURS: ALL

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	VISIBILITY IN STATUTE MILES IN GE GE GE GE GE GE GE GE GE GE GE GE GE																
1	N (GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FE	ΕŤ	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
		.															
		1 7		50 /	50.0	ca /	E4 E	E 1 0	F1 0	F1 0	F2 4	F2 2	52.2	F2 7	F2 7	F2 /	5 2 /
NO	CEIL	49.3 	49.6	50.4	50.9	51.4	51.5	51.8	51.9	51.9	52.1	52.2	52.2	52.3	52.3	52.4	52.4
GE	20000	61.4	61.8	62.8	63.4	63.9	64.0	64.3	64.5	64.5	64.7	64.8	64.8	64.9	64.9	65.0	65.0
GE	18000	61.5	61.8	62.8	63.4	64.0	64.1	64.4	64.5	64.5	64.8	64.9	64.9	65.0	65.0	65.0	65.1
GE	16000	61.7	62.0	63.0	63.6	64.2	64.3	64.6	64.7	64.7	65.0	65.U	65.0	65.2	65.2	65.2	65.3
GE	14000	62.4	62.8	63.8	64.4	64.9	65.0	65.3	65.5	65.5	65.7	65.8	65.8	65.9	65.9	66.0	66.1
GE	12000	63.6	64.1	65.1	65.7	66.3	66.3	66.7	66.8	66.8	67.1	67.1	67.1	67.3	67.3	67.3	67.4
CE	10000	44.0	67.4	68.5	69.2	69.7	69.8	70.2	70.3	70.3	70.6	70.6	70.6	70.8	70.8	70.8	70.9
GE		68.5	69.1	70.5	71.3	71.9	72.0	72.3	72.4	72.4	72.7	72.8	72.8	72.9	72.9	73.0	73.0
	. ,		71.8	73.3	74.1	74.7	74.7	75.1	75.2	75.2	75.5	75.5	75.5	75.7	75.7	75.7	75.8
GE		71.1		74.5	75.3	75.9	76.0	76.3	76.4	6.4	76.7	76.8	76.8	76.9	76.9	77.0	77.0
GE	,	72.2	72.9 73.7	75.3	76.1	76.7	76.8	77.1	77.3	77.3	77.5	77.6	77.6	77.8	77.8	77.8	77.9
GE	6000	/3.0 	13.1	13.3	70.1	10.7	70.0	(/.1	11.3	11.3	11.5	11.0	77.0	//.0	11.0	11.0	11.7
GE	5000	75.0	75.7	77.5	78.5	79.0	79.1	79.5	79.6	79.6	79.9	80.0	80.0	80.1	80.1	80.2	80.2
GE	4500	77.2	77.9	79.8	80.8	81.4	81.5	81.9	82.1	82.1	82.3	82.4	82.4	82.5	82.5	82.6	82.7
GE	4000 i	78.5	79.3	81.2	82.3	82.9	83.0	83.5	83.6	83.6	83.8	83.9	83.9	84.1	84.1	84.1	84.2
GE		80.7	81.7	83.8	84.9	85.6	85.6	86.1	86.3	86.3	86.5	86.6	86.6	86.8	86.8	86.8	86.9
GE	,	82.8	83.8	86.0	87.2	88.0	88.0	88.5	88.7	88.7	89.0	89.0	89.0	89.2	89.2	89.3	89.3
	, , , ,																
GE	2500	83.7	84.8	87.0	88.3	89.1	89.2	89.7	89.9	89.9	90.2	90.2	90.2	90.4	90.4	90.4	90.5
GE	5000	85.2	86.4	88.9	90.4	91.3	91.3	91.9	92.0	92.0	92.3	92.4	92.4	92.5	92.5	92.6	92.7
GE	1800	85.4	86.6	89.2	90.8	91.7	91.7	92.3	92.4	92.4	92.7	92.8	92.8	92.9	92.9	93.0	93.1
GE	1500	86.1	87.3	89.9	91.7	92.6	92.6	93.2	93.4	93.4	93.6	93.7	93.7	93.9	93.9	93.9	94.0
GE	1200	86.7	88.0	90.7	92.5	93.4	93.5	94.0	94.2	94.2	94.5	94.6	94.6	94.7	94.7	94.8	94.8
GE	10001	86.9	88.2	91,1	92.9	93.8	93.9	94.5	94.7	94.7	94.9	95.0	95.0	95.2	95.2	95.2	95.3
GE	,	87.2	88.6	91.5	93.4	94.3	94.4	95.0	95.2	95.2	95.5	95.6	95.6	95.7	95.7	95.8	95.9
GE	•	87.5	89.0	92.0	93.9	94.9	94.9	95.6	95.8	95.8	96.1	96.2	96.2	96.3	96.3	96.4	96.5
_	,	87.7	89.3	92.4	94.4	95.4	95.5	96.1	96.3	96.3	96.7	96.7	96.7	96.9	96.9	97.0	97.0
GE	,	•	89.5	92.4	94.9	96.0	96.0	96.7	96.9	96.9	97.2	97.3	97.3	97.5	97.5	97.5	97.6
GE	000	88. 0 	09.5	92.0	94.9	70. 0	90.0	90.7	90.9	70.7	71.2	97.3	97.3	91.5	91.3	97.5	77.0
GE	500	88.1	89.7	93.1	95.2	96.4	96.4	97.1	97.3	97.3	97.7	97.7	97.7	97.9	97.9	98.0	98.1
GE	400	88.3	89.9	93.2	95.4	96.7	96.7	97.4	97.6	97.6	98.0	98.1	98.1	98.3	98.3	98.4	98.4
GE	300	88.4	90.0	93.3	95.6	96.9	97.0	98.0	98.2	98.2	98.6	98.8	98.8	99.0	99.0	99.1	99.2
GE	200	88.4	90.0	93.4	95.6	97.0	97.1	98.1	98.4	98.4	98.9	99.0	99.0	99.3	99.4	99.5	99.6
GE	100	88.4	90.0	93.4	95.6	97.0	97.1	98.1	98.4	98.4	98.9	99.1	99.1	99.4	99.5	99.6	99.9
GE	000	88.4	90.0	93.4	95.6	97.0	97.1	98.1	98.4	98.4	98.9	99.1	99.1	99.4	99.5	99.6	100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY BSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88

LST TO UTC: + 5 MONTH: MAR HOURS: 00-02

				LST	ידע סד	: + 5					MONTH	: MAR	HOURS:	: 00-02			
CE I	LING	• • • • • •	• • • • • • • •	• • • • • • •		• • • • •	VISIRII	ITY IN	STATUTE	MILES	• • • • • •		• • • • • • •	•••••	• • • • • •	• • • • • •	• • • • • •
	N 1	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
	ΕT	_	6	5	4	3	2 1/2	2		1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
NO	CEIL	61.4	61.6	62.2	62.7	63.4	63.4	63.9	63.9	63.9	64.0	64.2	64.2	64.4	64.5	64.5	64.5
GE	20000	70.5	70.8	71.3	71.8	72.6	72.6	73.1	73.1	73.1	73.2	73.4	73.4	73.7	73.8	73.8	73.8
GE	18000	70.5	70.8	71.3	71.8	72.6	72.6	73.1	73.1	73.1	73.2	73.4	73.4	73.7	73.8	73.8	73.8
GE	16000	70.5	70.8	71.3	71.8	72.6	72.6	73.1	73.1	73.1	73.2	73.4	73.4	73.7	73.8	73.8	73.8
GE	14000	70.9	71.1	71.6	72.2	72.9	72.9	73.4	73.4	73.4	73.5	73.8	73.8	74.0	74.1	74.1	74.1
GE	12000	71.9	72.2	72.7	73.2	74.0	74.0	74.5	74.5	74.5	74.6	74.8	74.8	75.1	75.2	75.2	75.2
CE	10000	7/. 0	75.2	75.7	76.2	77.0	77.0	77.6	77.6	77.6	77.7	78.0	78.0	78.2	78.3	78.3	78.3
GE	,	76.9	77.1	77.6	78.2	78.9	78.9	79.6	79.6	79.6	79.7	79.9	79.9	80.1	80.2	80.2	80.2
GE		79.8	80.0	80.9	81.4	82.2	32.2	82.8	82.8	82.8	82.9	83.1	83.1	83.3	83.4	83.4	83.4
GE		79.9	80.1	81.0	81.5	82.3	82.3	82.9	82.9	82.9	83.0	83.2	83.2	83.4	83.5	83.5	83.5
		80.4		81.5	82.0	82.8	82.8	83.4	83.4	83.4	83.5	83.8	83.8	84.0	84.1	84.1	84.1
GE	0000	00.4	80.6	01.3	02.0	02.0	02.0	65.4	63.4	03.4	ر.ده	03.0	65.6	04.0	04.1	04.1	04.1
GE		82.2	82.4	83.2	84.0	84.7	84.7	85.4	85.4	85.4	85.5	85.7	85.7	85.9	86.0	86.0	86.0
GE	4500	84.0	84.2	85.1	85.8	86.6	86.6	87.2	87.2	87.2	87.3	87.5	87.5	87.7	87.8	87.8	87.8
GE	4000	85.5	85.7	86.6	87.5	88.3	88.3	88.9	88.9	88.9	89.0	89.2	89.2	89.5	89.6	89.6	89.6
GE	3500	87.1	87.5	88.4	89.4	90.1	90.1	90.8	90.8	90.8	90.9	91.1	91.1	91.3	91.4	91.4	91.4
GE	3000	89. 0	89.6	90.5	91.5	92.3	92.3	92.9	92.9	92.9	93.0	93.2	93.2	93.4	93.5	93.5	93.5
GE	2500 I	90.0	90.8	91.7	92.7	93.4	93.4	94.1	94.1	94.1	94.2	94.4	94.4	94.6	94.7	94.7	94.7
GE		91.0	91.8	92.8	93.9	94.6	94.6	95.3	95.3	95.3	95.4	95.6	95.6	95.8	95.9	95.9	95.9
GΕ		91.2	92.0	93.1	94.2	94.9	94.9	95.6	95.6	95.6	95.7	95.9	95.9	96.1	96.2	96.2	96.2
GE		92.3	93.1	94.2	95.3	96.0	96.0	96.7	96.7	96.7	96.8	97.0	97.0	97.2	97.3	97.3	97.3
GE		92.7	93.5	94.6	95.7	96.5	96.5	97.1	97.1	97.1	97.2	97.4	97.4	97.6	97.7	97.7	97.7
٥.	1000	92.7	93.5	94.6	95.7	04.5	96.5	97.1	97.1	97.1	97.2	97.4	97.4	97.6	97.7	97,7	97.7
GE	,				96.1	96.5			97.1	97.5	97.6	97.4	97.8	98.1	98.2	98.2	98.2
GE	,	92.8	93.9	95.1		96.9 97.4	96.9 97.4	97.5 98.1	98.1	98.1	98.2	98.4	98.4	98.6	98.7	98.7	98.7
GE		92.8	94.1	95.5	96.7												
GE		93.0	94.5	96.1	97.3	98.1	98.1	98.7	98.7	98.7	98.8	99.0	99.0	99.2	99.4	99.4	99.4
GE	600 j	93.0	94.5	96.1	97.3	98.1	98.1	98.7	98.7	98.7	98.8	99.0	99.0	99.2	99.4	99.4	99.4
GE		93.0	94.5	96.1	97.3	98.1	98.1	98.7	98.7	98.7	98.8	99.0	99.0	99.2	99.4	99.4	99.4
GE	400	93.0	94.5	96.1	97.5	98.5	98.5	99.1	99.1	99.1	99.2	99.5	99.5	99.7	99.8	99.8	99.8
GE	300 j	93.0	94.5	96.2	97.6	98.6	98.6	99.2	99.2	99.2	99.4	99.6	99.6	99.8	99.9	99.9	99.9
GE	200	93.0	94.5	96.2	97.6	98.6	98.6	99.2	99.2	99.2	99.4	99.6	99.6	99.8	99.9	99.9	99.9
GE	100	93.0	94.5	96.2	97.6	98.6	98.6	99.2	99.2	99.2	99.4	99.6	99.6	99.8	99.9	99.9	100.0
	i																
GE	000	93.0	94.5	96.2	97.6	98.6	98.6	99.2	99.2	99.2	99.4	99.6	99.6	99.8	99.9	99.9	100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5 MONTH: MAR HOURS: 03-05

				LST	r to uto	2: + 5					MONTH	I: MAR	HOURS	: 03-05			
CEI	LING	• • • • • •	•••••		• • • • • • •	•••••	VISIBIL	ITY IN	STATUTE	MILES		•••••		• • • • • • •	• • • • • •		••••
I	N	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FE	ET	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
		50.4	50 /		40 0	41.0	(2.7	47.0	47.D	4 7 3	47 /	47 4	47. 4	43.0			
NO	CEIL ;	59.1	59.4	60.2	60.8	61.9	62.3	63.0	63.2	6 3. 2	63.4	63.4	63.4	63.9	63.9	64.0	64.3
	20000		70.0	70.9	71.5	72.9	73.2	74.1	74.3	74.3	74.5	74.5	74.5	74.9	74.9	75.1	75.4
	18000		70.0	70.9	71.5	72.9	73.2	74.1	74.3	74.3	74.5	74.5	74.5	74.9	74.9	75.1	75.4
	16000		70.1	71.0	71.6	73.0	73.3	74.2	74.4	74.4	74.6	74.6	74.6	75.1	75.1	75.2	75.5
	14000		70.4	71.3	71.9	73.3	73.7	74.5	74.7	74.7	74.9	74.9	74.9	75.4	75.4	75.5	75.8
GE	12000	71.1	71.4	72.3	72.9	74.3	74.6	75.5	75.7	75.7	75.9	75. 9	75.9	76.3	76.3	76.5	76.8
	10000		74.5	75.4	76.1	77.5	77.8	78.7	78.9	78.9	79.1	79.1	79.1	79.6	79.6	79.7	80.0
GE		75.7	76.2	77.1	77.8	79.2	79.6	80.4	80.6	80.6	80.9	80.9	80.9	81.3	81.3	81.4	81.7
GE		77.2	77.7	78.7	79.5	80.9	81.2	82.0	82.3	82.3	82.5	82.5	82.5	82.9	82.9	83.0	83.3
GΕ	,	77.6	78.2	79.1	79.9	81.3	81.6	82.5	82.7	82.7	82.9	82.9	82.9	83.3	83.3	83.4	83.8
GE	6000	78.3	78.8	79.8	80.5	81.9	82.3	83.1	83.3	83.3	83.5	83.5	83.5	84.0	84.0	84.1	84.4
GE	5000	79.1	79.7	80.6	81.7	83.1	83.4	84.3	84.5	84.5	84.7	84.7	84.7	85.2	85.2	85.3	85.6
GΕ	4500	81.0	81.6	82.7	83.8	85.2	85.5	86.3	86.6	86.6	86.8	86.8	86.8	87.2	87.2	87.3	87.6
GE		81.7	82.4	83.4	84.5	85.9	86.2	87.1	87.3	87.3	87.5	87.5	87.5	88.0	88.0	88.1	88.4
GE	3500		84.3	85.7	86.8	88.2	88.5	89.4	89.6	89.6	89.8	89.8	89.8	90.2	90.2	90.3	90.6
GE	3000	85.5	86.1	87.6	88.7	90.1	90.4	91.3	91.5	91.5	91.7	91.7	91.7	92.2	92.2	92.3	92.6
GE	2500	87.0	88.0	89.7	90.8	92.2	92.5	93.3	93.5	93.5	93.8	93.8	93.8	94.2	94.2	94.3	94.6
GE	2000	88.8	90.0	91.9	93.0	94.4	94.7	95.6	95.8	95.8	96.0	96.0	96.0	96.5	96.5	96.6	96.9
GE	1800	88.8	90.0	91.9	93.0	94.4	94.7	95.6	95.8	95.8	96.0	96.0	96.0	96.5	96.5	96.6	96.9
GE	,	88.9	90.1	92.3	93.3	94.7	95.1	95.9	96.1	96.1	96.3	96.3	96.3	96.8	96.8	96.9	97.2
GE	1200	89.4	90.5	92.7	93.8	95.2	95.5	96.3	96.6	96.6	96.8	96.8	96.8	97.2	97.2	97.3	97.6
GE	1000	89.4	90.5	92.7	93.8	95.2	95.5	96.3	96.6	96.6	96.8	96.8	96.8	97.2	97.2	97.3	97.6
GE	900	89.5	90.6	93.1	94.2	95.6	95.9	96.8	97.0	97.0	97.2	97.2	97.2	97.6	97.6	97.7	98.1
GE	800	89.9	91.1	93.5	94.6	96.0	96.3	97.2	97.4	97.4	97.6	97.6	97.6	98.1	98.1	98.2	98.5
GΕ	700	90.0	91.3	93.8	94.8	96.2	96.6	97.4	97.6	97.6	97.8	97.8	97.8	98.3	98.3	98.4	98.7
GE	600	90.1	91.5	94.0	95.2	96.6	96.9	97.7	98.0	98.0	98.2	98.2	98.2	98.6	98.6	98.7	99.0
GE	500	90.1	91.5	94.1	95.4	96.8	97.1	98.0	98.2	98.2	98.4	98.4	98.4	98.8	98.8	98.9	99.2
GΕ	400	90.1	91.5	94.3	95.8	97.2	97.5	98.4	98.6	98.6	98.8	98.8	98.8	99.2	99.2	99.4	99.7
GE	300	90.1	91.5	94.3	95.8	97.2	97.5	98.4	98.6	98.6	98 .8	98.8	98.8	99.2	99.2	99.4	99.7
GE	200	90.1	91.5	94.3	95.8	97.2	97.5	98.4	98.7	98.7	98.9	98.9	98.9	99.4	99.4	99.6	99.9
GE	100	90.1	91.5	94.3	95.8	97.2	97.5	98.4	98.7	98.7	98.9	98.9	98.9	99.5	99.5	99.7	100.0
GE	0001	90.1	91.5	94.3	95.8	97.2	97.5	98.4	98.7	98.7	98.9	98.9	98.9	99.5	99.5	99 7	100.0
GC.						,,,,			,,,,,			,,,,					

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5 MONTH: MAR HOURS: 06-08

				LSI	10 010	: + 5					MUNIN	: MAK	HOURS:	06-08			
CEIL	ING	• • • • • • •		•••••	• • • • • • • • • • • • • • • • • • • •		VISIBII	TTY IN	STATUTE	MILES	• • • • • •	• • • • • • •	• • • • • • •	•••••	• • • • • • •	• • • • • •	• • • • • •
IN		GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEE		7	6	5	4	3	2 1/2	2		1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
	·	· · · · · · · · · · · · · · · · · · ·										-, . 					
	}																
NO C	EIL	44.2	45.5	47.2	48.2	48.9	49.1	50.3	50.4	50.4	51.1	51.2	51.2	52.3	52.3	52.5	52.6
GE 20	0000	57.1	58.5	60.3	61.6	62.5	62.8	64.2	64.3	64.3	64.9	65.1	65.1	66.1	66.1	66.3	66.5
GE 18	8000 i	57.3	58.7	60.5	61.8	62.7	63.0	64.4	64.5	64.5	65.2	65.3	65.3	66.3	66.3	66.6	66.7
GE 16	5000 j	57.5	58.9	60.8	62.0	62.9	63.2	64.6	64.7	64.7	65.4	65.5	65.5	66.6	66.6	66.8	66.9
GE 14	4000	58.3	59.8	61.6	62.9	63.8	64.1	65.5	65.6	65.6	66.2	66.3	66.3	67.4	67.4	67.6	67.7
GE 12	2000 j	60.2	61.7	63.7	64.9	65.8	66.1	67.5	67.6	67.6	68.3	68.4	68.4	69.5	69.5	69.7	69.8
GF 10	ן ו חחחרו	62.6	64.1	66.0	67.4	68.3	68.6	70.0	70.1	70.1	70.8	70.9	70.9	71.9	71.9	72,2	72.3
		64.3	65.8	67.8	69.2	70.1	70.4	71.8	71.9	71.9	72.6	72.7	72.7	73.8	73.8	74.0	74.1
	,	66.2	67.8	70.2	71.9	72.8	73.1	74.5	74.6	74.6	75.3	75.4	75.4	76.5	76.5	76.7	76.8
		67.0	68.6	71.1	72.8	73.7	74.0	75.4	75.5	75.5	76.1	76.2	76.2	77.3	77.3	77.5	77.6
		67.4	69.0	71.6	73.3	74.3	74.6	76.0	76.1	76.1	76.8	76.9	76.9	78.0	78.0	78.2	78.3
02 0	, 000c 	07.4	07.0	, ,	, 3.3	14.3	74.0	70.0		,,,,	, 0.0	,,,,	,	10.0	,0.0	, , , ,	.0.5
GE S	5000 j	69.0	70.8	73.3	75.3	76.2	76.6	78.0	78.1	78.1	78.7	78.8	78.8	79.9	79.9	80.1	80.2
GE 4	4500 İ	70.9	72.6	75.2	77.1	78.1	78.4	79.9	80.0	80.0	80.6	80.8	80.8	81.8	81.8	82.0	82.2
GE 4	4000 İ	71.7	73.4	76.0	78.0	79.0	79.4	80.9	81.0	81.0	81.6	81.7	81.7	82.8	82.8	83.0	83.1
GE 3	3500 i	73.8	75.5	78.2	80.1	81.2	81.5	83.0	83.1	83.1	83.8	83.9	83.9	84.9	84.9	85.2	85.3
	,	76.6	78.3	81.0	82.9	84.0	84.3	85.8	85.9	85.9	86.6	86.7	86.7	87.7	87.7	88.0	88.1
٠.	25001	78.6	80.4	83.2	85.2	86.2	86.6	88.1	88.2	88.2	88.8	88.9	88.9	90.0	90.0	90.2	90.3
						88.6	88.9		90.5	90.5	91.2	91.3	91.3	92.4	92.4	92.6	92.7
		80.3	82.2	85.3	87.4			90.4			91.7	91.8	91.8	92.4	92.4	93.1	93.2
	•	80.6	82.5 83.3	85.7	87.8	89.0 90.0	89.5 90.5	91.0 92.2	91.1 92.3	91.1 92.3	92.9	93.0	93.0	94.1	94.1	94.3	94.4
	,	81.5		86.6	88.8					93.8	94.4	94.5	94.5	95.6	95.6	95.8	95.9
GE '	1200	82.9	84.8	88.1	90.3	91.5	92.0	93.7	93.8	93.0	94.4	94.5	94.5	93.0	93.0	95.6	95.9
GE 1	1000	83.1	85.2	88.5	90.8	91.9	92.5	94.1	94.2	94.2	94.8	94.9	94.9	96.0	96.0	96.2	96.3
GE	900	83.7	85.7	89.1	91.5	92.7	93.2	94.9	95.1	95.1	95.7	95.8	95.8	96.9	96.9	97.1	97.2
GE	800	84.1	86.1	89.7	92.0	93.2	93.8	95.5	95.6	95.6	96.2	96.3	96.3	97.4	97.4	97.6	97.8
GE	700	84.1	86.1	90.0	92.4	93.5	94.1	95.8	95.9	95.9	96.6	96.7	96.7	97.7	97.7	98.0	98.2
GE	600	84.3	86.3	90.2	92.6	93.8	94.3	96.0	96.1	96.1	96.8	96.9	96.9	98.0	98.0	98.2	98.4
GE	5001	84.3	86.5	90.4	92.8	94.0	94.5	96.2	96.3	96.3	97.0	97.1	97.1	98.2	98.2	98.4	98.6
GE	,	84.3	86.5	90.5	92.9	94.3	94.8	96.6	96.7	96.7	97.3	97.4	97.4	98.6	98.6	98.8	99.1
GE		84.3	86.5	90.5	92.9	94.4	94.9	96.7	96.8	96.8	97.4	97.5	97.5	98.7	98.7	99.0	99.4
GE		84.3	86.5	90.5	92.9	94.4	94.9	96.7	96.8	96.8	97.4	97.5	97.5	98.9	98.9	99.2	99.6
GE	,	84.3	86.5	90.5	92.9	94.4	94.9	96.7	96.9	96.9	97.5	97.6	97.6	99.0	99.0	99.4	100.0
UE	100	04.3	00.7	70.3	76.9	74.4	74.7	70.7	70.7	70.7	71.3	71.0	71.0	77.0	77.0	77.4	100.0
GE	000	84.3	86.5	90.5	92.9	94.4	94.9	96.7	96.9	96.9	97.5	97.6	97.6	99.0	99.0	99.4	100.0
		· • • • • • •									• • • • • •	• • • • • •		• • • • • •	• • • • • •		• • • • • •

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5 MONTH: MAR HOURS: 09-11

				LS	T TO UT	C: + 5					MONT	H: MAR	HOURS	5: 09-1	1		
CEI	LING			• • • • • • •	• • • • • • •		VISIBII	LITY IN	STATUT	E MILES	• • • • • •	• • • • • • •	•••••		• • • • • • •		• • • • •
	N	GE	GE	GE	GE	GE	GE	GE	G€	GE	GE	GE	GE	GE	GE	GE	GE
FE	ET	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
• • •				• • • • • • •					•••••		• • • • • •				• • • • • • •	• • • • • • •	
NO	CEIL	51.8	52.6	52.8	52.9	53.1	53.1	53.1	53 . 1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
GE	20000	65.3	66.0	66.2	66.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
	18000	,	66.1	66.3	66.5	66.8	66.8	8.66	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
	16000		66.5	66.7	66.8	67.1	57.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
	14000	•	68.3	68.5	68.6	68.9	68.9	68.9	68.9	68,9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE	12000	70.1	70.9	71.1	71.2	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE	10000	72.2	72.9	73.2	73.3	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE	9000	74.2	75.1	75.4	75.5	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE	8000	76.5	77.3	77.6	78.1	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE	7000	77.4	78.4	78.7	79.1	79. 7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE	6000	77.7	78.8	79.5	79.9	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE	50001	79. 7	80.9	81.6	82.0	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE	,	81.9	83.1	83.9	84.3	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE	4000	83.3	84.5	85.3	85.7	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE	3500 j	85.8	87.0	87.7	88.2	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE	3000	87.4	88.6	89.4	89.8	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE	2500 I	88.6	90.0	90.8	91.2	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE		90.6	92.2	93.1	93.7	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE		90.9	92.4	93.4	94.1	94.8	99	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE	1500	91.9	93.4	94.5	95.2	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE	1200	93.7	95.2	96.3	97.0	97.8	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE	10001	93.8	95.3	96.6	97.2	98.1	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE	,	93.9	95.4	96.8	97.4	98.3	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE	,	94.0	95.6	97.1	97.7	98.6	98.7	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE	'	94.0	95.6	97.1	97.8	98.7	98.8	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE	600	94.0	95.6	97.1	97.8	98.7	98.8	99.1	99.1	99. 1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE	5001	94.0	95.6	97.1	97.8	98.7	98.8	99.1	99.1	99.1	99.2	99.2	99.2	99,2	99.2	99.2	99.2
GE	,	94.0	95.7	97.3	98.2	99.1	99.2	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE		94.0	95.7	97.3	98.2	99.2	99.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE		74.0	95.7	97.3	98.2	99.2	99.4	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GΕ		94.0	95.7	97.3	98.2	99.2	99.4	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
	200	0, 1	or -		00.0	00.0	00. /	00 =	00.0	00.0	~ ·	00.0	00.0	100.0	100.0	100.0	100.0
GE	000	94.0	95.7	97.3	98.2	99.2	99.4	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: MAR HOURS: 12-14

				L91	10 01	L: + 3					MUNII	1. MAK	nouks	: 12-14			
CEI	ILING	• • • • • •		• • • • • • •		• • • • • •	VISIBI	LITY IN	STATUTE	MILES	• • • • • •	• • • • • • •			• • • • • • •		• • • • • •
	IN I	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
	ET	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	. 1	3/4	5/8	1/2	3/8	1/4	0
											• • • • • •						
***	CELL	53.9	54.1	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
NO	CEIL	J3.9 	34.1	34.1	34.2	J4.2	34.2	J4.2	J4.2	34.2	J4.6	74.6	74.2	J4.2	34.2	34.2	34.2
	20000		71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE	18000	71.3	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
	16000		71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE	14000	72.8	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE	12000	75.2	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE	10000	77.2	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE	9000	78.7	79.1	79.2	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE		80.3	80.8	80.9	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE	7000	81.3	81.8	82.0	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE		82.4	83.0	83.2	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE	5000	83.3	84.0	84.2	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE	4500	85.4	86.0	86.5	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE	4000	86.8	87.5	88. 0	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE	3500	89.5	90.4	91.0	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE	3000	91.5	92.5	93.0	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE	2500 l	93.0	94.1	94.8	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE		94.4	95.5	96.5	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE		95.1	96.1	97.1	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GΕ		95.4	96.5	97.5	97.8	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE		95.8	96.9	98.0	98.3	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
Ű.		/3.0	,,,,	70.0	,0.5	70.0	70.0	,0.0	70.0	,0,0	,0.0	, , , ,		,0.0	,,,,		
GE	1000	95.8	96.9	98.0	98.3	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE	900	95.8	96.9	98.0	98.3	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE	800	95.9	97.0	98.1	98.4	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE	700	96.1	97.2	98.3	98.6	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE	600	96.2	97.3	98.5	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE	500	96.5	97.5	98.7	99.1	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99,8	99.8
GE		96.5	97.5	98.7	99.1	100.0	100.0	100.0			100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		96.5	97.5	98.7	99.1	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	,	96.5	97.5	98.7	99.1	100.0	100.0	100.0			100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	,	96.5	97.5	98.7	99.1	100.0	100.0	100.0			100.0	100.0	100.0	100.0	100.0	100.0	100.0
UE	1001	70.3	71.3	70.1	77.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	,00.0	100.0	100.0	100.0	100.0
GE	000	96.5	97.5	98.7	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: MAR HOURS: 15-17

			LS	וט טו	C: + 5					MUNI	H: MAK	HOURS	5: 15-1	′		
CEILING			•••••	• • • • • • • • • • • • • • • • • • • •	• • • • • •	VISIBII	1TY 11	STATUTI	E MILES	· · · · · · · · · · · · · · · · · · ·	•••••	• • • • • •		• • • • • • •	• • • • • • •	
IN) GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	4 1	3/4	5/8	1/2	3/8	1/4	0
NO CEIL	56.3	56.3	56.6	56.7	56.7	56,7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
NO CEIL	1 '5.3	,6.3	0.00	30.7	30.7	30.7	,0.7	30.1	30.7	,0.7	30.7	30.7	30.7	30.1	30.7	30.7
GE 20000		75.7	75.9	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 18000		75.7	75.9	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 16000	,	75.9	76.1	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 14000	•	76.7	76.9	77.0	77.1 79.4	77.1 79.4	77.1 79.4	77.1 79.4	77.1 79.4	77.1 79.4	77.1 79.4	77.1 79.4	77.1 79.4	77.1 79.4	77.1 79.4	77.1 79.4
GE 12000	1 78.7	78.9	79.1	79.2	79.4	19.4	19.4	79.4	19.4	19.4	79.4	19.4	79.4	19.4	79.4	19.4
GE 10000	80.8	81.0	81.4	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
	82.2	82.4	82.8	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
	83.7	83.9	84.3	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
	84.6	84.8	85.6	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 6000	84.7	84.9	85.9	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 5000	86.5	86.7	87.6	87.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 4500	88.5	88.7	89.7	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 4000	90.3	90.5	91.5	91.8	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 3500	91.8	92.0	93.0	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 3000	93.7	93.9	94.9	95.3	95.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 2500	94.2	94.4	95.6	95.9	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
	94.8	95.1	96.2	96.6	97.5	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 1800	94.9	95.2	96.3	96.7	97.7	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 1500	95.3	95.5	96.7	97.0	98.2	98.2	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 1200	95.4	95.6	96.8	97.1	98.3	98.3	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1000	} 95.4	95.6	96.8	97.1	98.3	98.3	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
-	95.4	95.6	96.	97.2	98,4	98.4	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 800	95.5	95.7	97.0	97.3	98.5	98.5	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 700	95.5	95.7	97.0	97.3	98.9	98.9	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 600	95.7	95.9	97.3	97.7	99.4	99.4	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	 95.7	95.9	97.3	97.7	99.4	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	95.7	95.9	97.3	97.7	99.4	99.4	99.9	99.9		100.0	100.0	100.0		100.0	100.0	100.0
	95.7	95.9	97.3	97.7	99.4	99.4	99.9	99.9		100.0	100.0	100.0	100.0	100.0	100.0	100.0
-	95.7	95.9	97.3	97.7	99.4	99.4	99.9	99.9		100.0	100.0	100.0	100.0	100.0	100.0	100.0
	95.7	95.9	97.3	97.7	99.4	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	95.7	95.9	97.3	97.7	99.4	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GL 000	, ,,,,															
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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5 MONTH: MAR HOURS: 18-20

				LJi	10 010						1101111	· · ·	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				
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	LING								STATUTE		05	o r		0.5			
	N	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FE	ET	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
						• • • • • •							• • • • • •				
NO	CEIL	56.9	56.9	56.9	57.0	57.0	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
		l															
GΕ	20000	74.4	74.5	74.6	74.7	74.7	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE	18000	74.4	74.5	74.6	74.7	74.7	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE	16000	74.7	74.8	74.9	75.1	75.1	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
	14000		74.9	75.1	75.2	75.2	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
	12000		76.1	76.2	76.3	76.3	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
٠	12000	10.0	,	,	, 0.5			, 0.0					,	,			
05	10000	70 1	79.5	79.6	79.7	79.7	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
						81.5	81.6			81.7	81.7	81.7	81.7	81.7			81.7
GE		81.0	81.3	81.4	81.5			81.7	81.7						81.7	81.7	
GE		82.7	83.0	83.2	83.3	83.3	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE		83.8	84.2	84.7	84.8	84.8	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE	6000	84.3	84.7	85.3	85.4	85.4	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GΕ	5000	85.6	86.0	86.6	86.7	86.7	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE	4500	87.6	88.1	89.0	89.4	89.5	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE	4000	89.6	90.1	91.5	91.8	91.9	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE	3500	90.9	91.4	92.9	93.3	93.4	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE	3000	91.5	92.2	93.8	94.3	94.4	94.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE	2500 İ	92.0	92.7	94.4	94.9	95.2	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE		92.7	93.3	95.1	95.7	95.9	96.3	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE		93.0	93.7	95.4	96.0	96.2	96.7	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE	,	93.4	94.1	95.9	96.6	96.8	97.2	97.6	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE		93.8	94.6	96.5	97.1	97.3	97.7	98.2	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE	1200	75.0	74.0	70.5	7/.1	77.3	71.1	70.2	70.3	70.5	70.4	70.4	70.4	70.4	70.4	70.4	70.4
	1000	93.8	0/ 4	96.5	97.2	97.4	97.8	98.3	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE	,		94.6		97.4	97.6					98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE		93.8	94.6	96.7			98.1	98.5	98.6	98.6							
GE	,	93.8	94.6	96.7	97.5	97.8	98.3	98.7	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE		93.8	94.6	96.7	97.5	98.1	98.5	98.9	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE	600	93.8	94.6	96.8	97.6	98.2	98.7	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE		93.8	94.6	96.8	97.6	98.2	98.7	99.4	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE	400	93.8	94.6	96.8	97.6	98.2	98.7	99.4	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE	300	93.8	94.6	96.8	97.6	98.2	98.7	99.4	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE	200	93.8	94.6	96.8	97.6	98.2	98.7	99.4	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE	100	93.8	94.6	96.8	97.6	98.2	98.7	99.4	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
	ĺ)															
GE	000 i	93.8	94.6	96.8	97.6	98.2	98.7	99.4	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5 MONTH: MAR HOURS: 21-23

				10 010						MUNIT		HOUKS:				
CEILING	• • • • • • •	• • • • • • •	• • • • • • •	•••••	•••••	VISIBIL		STATUTE			• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •		
IN	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	7	6	5	. 4	3	2 1/2	2	1 1/2	1 1/4		3/4	5/8	1/2	3/8	1/4	0
	·										-, ·					
	1															
NO CEIL	66.1	66.1	66.6	66.7	67.1	67.1	67.1	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2
	i															
GE 20000	74.2	74.4	74.8	74.9	75.4	75.4	75.4	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 18000		74.4	74.8	74.9	75.4	75.4	75.4	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 16000	•	74.6	75.1	75.2	75.6	75.6	75.6	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 14000		75.3	75.7	75.8	76.2	76.2	76.2	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 12000	•	76.3	76.8	76.9	77.3	77.3	77.3	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 12000	1	.0.5							5			,,,,				
GE 10000	79.8	80.1	80.5	80.6	81.1	81.1	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2
	81.3	81.6	82.0	82.2	82.6	82.6	82.6	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7
	83.8	84.1	84.5	84.6	85.1	85.1	85.1	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2
	84.2	84.5	84.9	85.1	85.5	85.5	85.5	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6
	84.7	85.1	85.5	85.6	86.0	86.0	86.0	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GL COOL	1	05.1	07.5	03.0	00.0	٠٠.٠	00.0	٠٠.٠	00.0	٠		00.1		.,		
GE 5000	86.0	86.3	86.8	87.1	87.5	87.5	87.5	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6
	88.1	88.5	88.9	89.5	89.9	89.9	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0
	89.4	90.1	90.5	91.1	91.6	91.6	91.6	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7
	91.5	92.3	92.7	93.2	93.8	93.8	93.8	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9
	1 92.6	93.3	93.9	94.4	94.9	94.9	94.9	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 3000	1 72.0	73.3	73.7	74.4	74.7	74.7	74.7	74.7	74.7	77.1	7.1	73.1	73.1	73.1	73.1	73.1
GE 2500	93.2	94.0	94.5	95.1	95.6	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
	93.8	94.6	95.2	95.7	96.2	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	9.3	96.3
	93.9	94.8	95.4	95.9	96.5	96.5	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6
	94.8	95.8	96.3	96.9	97.4	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
	94.8	96.0	96.6	97.3	97.8	97.8	97.8	97.8	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1200	7.0	,0.0	70.0	,,,,	// .0	77.0	,,,,	// .0	,,,,	,0.2	,,,,	,0.2	,0.2	,0.2	,0.2	,0.2
GE 1000	94.9	96.1	96.7	97.4	98.0	98.0	98.1	98.1	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4
	94.9	96.2	96.9	97.6	98.2	98.2	98.3	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6
	95.1	96.5	97.1	98.1	98.7	98.7	98.8	98.8	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1
	95.1	96.5	97.3	98.4	99.2	99.2	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
	95.1	96.5	97.4	98.5	99.4	99.4	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 000	1 77.1	70.7	71.4	70.7	,,. .	77.4	77.0	77.0	,,.0	77,7	,,,,	,,,,	,,,,	,,,,	,,.,	,,,,
GE 500	95.1	96.5	97.4	98.5	99.5	99.5	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	95.1	96.5	97.4	98.5	99.5	99.5	99.7	99.7		100.0	100.0	100.0	100.0	100.0	100.0	100.0
	95.1	96.5	97.4	98.5	99.5	99.5	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	95.1	96.5	97.4	98.5	99.5	99.5	99.7	99.7	-		100.0	100.0	100.0	100.0	100.0	100.0
	,			98.5	99.5				-		100.0	100.0	100.0	100.0	100.0	100.0
GE 100	95.1	96.5	97.4	70.7	77.7	99.5	99.7	99.7	77.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
CE 000	95.1	96.5	97.4	98.5	99.5	99.5	99.7	99.7	00.7	100.0	100.0	100 0	100.0	100.0	100.0	100.0
GE 000	73.1	70.)	71.4	70.)	77.)	77.3	77.1	77.1	77.7	,00.0	100.0	100.0	100.0	.00.0	100.0	100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5 MONTH: MAR HOURS: ALL

				LST	TO UTO	: + 5					MONTH	: MAR H	OURS: A	LL.			
CEI	LING	• • • • • •			• • • • • • •	•••••	VISIBIL	ITY IN	STATUTE	MILES	• • • • • •			• • • • • • •		• • • • • •	• • • • •
1		GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FE	ET	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
•••					•••••	•••••		• • • • • •	• • • • • • •	• • • • • •	•••••		• • • • • •	• • • • • • •			• • • • • •
NO	CEIL	56.2	56.6	57.1	57.4	57.8	57.9	58.2	58.2	58.2	58.4	58.4	58.4	58.6	58.6	58.7	58.7
GE .	20000	69.7	70.2	70.7	71.1	71.6	71.7	72.0	72.1	72.1	72.2	72.2	72.2	72.4	72.5	72.5	72.6
GΕ	18000 j	69.8	70.2	70.7	71.1	71.6	71.7	72.1	72.1	72.1	72.2	72.3	72.3	72.5	72.5	72.5	72.6
GE	16000	70.0	70.4	71.0	71.3	71.8	71.9	72.3	72.3	72.3	72.4	72.5	72.5	72.7	72.7	72.8	72.8
GE	14000 j	70.7	71.2	71.7	72.1	72.6	72.7	73.0	73.1	73.1	73.2	73.2	73.2	<i>7</i> 3.5	73.5	73.5	73.6
GE	12000	72.4	72.9	73.4	73.8	74.3	74.4	74.7	74.8	74.8	74.9	74.9	74.9	75.2	75.2	75.2	75.3
GE	ا ا 10000	 75.1	75.6	76.2	76.6	77.1	77.2	77.5	77.6	77.6	77.7	77.7	77.7	78.0	78.0	78.0	78.1
GE	,	76.8	77.3	77.9	78.3	78.8	78.9	79.3	79.4	79.4	79.5	79.5	79.5	79.7	79.8	79.8	79.9
GE	8000		79.3	80.0	80.6	81.0	81.1	81.5	81.6	81.6	81.7	81.7	81.7	81.9	82.0	82.0	82.1
GE	7000		30.1	80.9	81.4	81.9	82.0	82.4	82.4	82.4	82.6	82.6	82.6	82.8	82.8	82.9	82.9
GE	6000		80.6	81.5	82.0	82.6	82.7	83.1	83.1	83.1	83.2	83.3	83.3	83.5	83.5	83.5	83.6
	0000	00.0	00.0	0	52.0	02.0	00		33. <i>1</i>				03.3	0011	03.12	55.7	03.0
GE	5000	81.4	82.1	83.0	83.6	84.2	84.3	84.7	84.7	84.7	84.8	84.9	84.9	85.1	85.1	85.1	85.2
GE	4500	83.4	84.1	85.1	85.8	86.4	86.5	86.9	86.9	86.9	87.1	87.1	87.1	87.3	87.4	87.4	87.4
GE	4000	84.8	85.5	86.6	87.3	87.9	88.1	88.5	88.5	88.5	88.6	88.7	88.7	88.9	88.9	88.9	89.0
GE	3500 Í	86.7	87.6	88.7	89.4	90.1	90.2	90.6	90.6	90.6	90.8	90.8	90.8	91.0	91.0	91.1	91.1
GE	3000	88.5	89.3	90.5	91.3	91.9	92.0	92.5	92.5	92.5	92.6	92.7	92.7	92.9	92.9	93.0	93.0
	j																
GE	•	89.6	90.5	91.8	92.6	93.3	93.4	93.9	93.9	93.9	94.0	94.1	94.1	94.3	94.3	94.4	94.4
G€	,	90.8	91.8	93.3	94.1	94.8	95.0	95.4	95.5	95.5	95.6	95.7	95.7	95.9	95.9	95.9	96.0
GE		91.0	92.1	93.5	94.4	95.2	95.3	95.8	95.8	95.8	96.0	96.0	96.0	96.2	96.3	96.3	96.3
GE		91.7	92.7	94.2	95.1	95.9	96.1	96.6	96.6	96.6	96.8	96.8	96.8	97.0	97.1	97.1	97.2
GE	1200	92.3	93.4	94.9	95.8	96.7	96.8	97.3	97.4	97.4	97.6	97.6	97.6	97.8	97.8	97.9	97.9
GE	10001	92.4	93.5	95.0	95.9	96.8	96.9	97.5	97.5	97.5	97.7	97.8	97.8	98.0	98.0	98.0	98.1
GE	,	92.5	93.6	95.3	96.2	97.1	97.2	97.8	97.8	97.8	98.0	98.1	98.1	98.3	98.3	98.3	98.4
GE	,	92.6	93.8	95.6	96.5	97.4	97.6	98.1	98.2	98.2	98.4	98.4	98.4	98.7	98.7	98.7	98.8
GE		92.7	93.9	95.8	96.8	97.8	97.9	98.5	98.5	98.5	98.8	98.8	98.8	99.0	99.0	99.1	99.1
GE		92.8	94.0	95.9	97.0	97.9	98.1	98.7	98.8	98.8	99.0	99.0	99.0	99.3	99.3	99.3	99.4
	Ì																
GE		92.8	94.1	96.0	97.0	98. 0	98.2	98.8	98.9	98.9	99.1	99.2	99.2	99.4	99.4	99.5	99.5
GE	,	92.8	94.1	96.1	97.2	98.3	98.5	99.1	99.1	99.1	99.4	99.4	99.4	99.7	99.7	99.7	99.8
GE	,	92.8	94.1	96.1	97.2	98.3	98.5	99.1	99.2	99.2	99.4	99.5	99.5	99.7	99.7	99.8	99.9
GE		92.8	94.1	96.1	97.2	98.3	98.5	99.1	99.2	99.2	99.4	99.5	99.5	99.8	99.8	99.8	99.9
GE	100	92.8	94.1	96.1	97.2	98.3	98.5	99.1	99.2	99.2	99.4	99.5	99.5	99.8	99.8	99.9	100.0
GE	000	92.8	94.1	96.1	97.2	98.3	98.5	99.1	99.2	99.2	99.4	99.5	99.5	99.8	99.8	99.9	100.0
• • • •	• • • • •									• • • • • • •			• • • • • •			• • • • • •	

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: APR HOURS: 00-02

				LST	TO UT	: + 5					MONTI	H: APR	HOURS	6: 00-02	2		
CE I	LING	• • • • • • •	• • • • • • •	• • • • • • •			VISIRII	ITY IN	STATUTE	MILES	• • • • • •	• • • • • • •	• • • • • •	•••••	• • • • • •	• • • • • •	• • • • • •
130		GE	GΕ	GE	GE	GE	GE	GE	GE	GE	GE	GE	GΕ	GE	GE	GE	GE
FE		7	6	5	4	3	2 1/2	2		1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
	- I	, , 											<i></i>	1/2			
		l															
NO	CEIL	70.3	70.7	71.3	71.9	72.0	72.0	72.1	72.1	72.1	72.4	72.4	72.4	72.6	72.6	72.6	72.6
GE	20000	8 5.0	85.3	86.0	86.6	86.7	86.7	86.8	86.8	86.8	87.1	87.1	87.1	87.2	87.2	87.2	87.2
GE	18000	85.0	85.3	86.0	86.6	86.7	86.7	86.8	86.8	86.8	87.1	87.1	87.1	87.2	87.2	87.2	87.2
GE	16000	85.0	85.3	86.0	86.6	86.7	86.7	86.8	86.8	86.8	87.1	87.1	87.1	87.2	87.2	87.2	87.2
GE	14000	85.1	85.4	86.1	86.7	86.8	86.8	86.9	86.9	86.9	87.2	87.2	87.2	87.3	87.3	87.3	87.3
GE	12000	85.2	85.6	86.2	86.8	86.9	86.9	87.0	87.0	87.0	87.3	87.3	87.3	87.4	87.4	87.4	87.4
GE	10000	86.8	87.1	87.8	88.3	88.4	88.4	88.6	88.6	88.6	88.9	88.9	88.9	89.0	89.0	89.0	89.0
GE		86.8	87.1	87.8	88.3	88.4	88.4	88.6	88.6	88.6	88.9	88.9	88.9	89.0	89.0	89.0	89.0
GE		88.7	89.3	90.0	90.6	90.7	90.7	90.8	90.8	90.8	91.1	91.1	91.1	91.2	91.2	91.2	91.2
GE		88.8	89.4	90.1	90.7	90.8	90.8	90.9	90.9	90.9	91.2	91.2	91.2	91.3	91.3	91.3	91.3
GE	,	89.1	89.8	90.4	91.0	91.1	91.1	91.2	91.2	91.2	91.6	91.6	91.6	91.7	91.7	91.7	91.7
GE	50001	90.1	90.8	91.4	92.0	92.1	92.1	92.2	92.2	92.2	92.6	92.6	92.6	92.7	92.7	92.7	92.7
GE	,	91.0	91.7	92.3	92.9	93.0	93.0	93.1	93.1	93.1	93.4	93.4	93.4	93.6	93.6	93.6	93.6
GE	,	91.8	92.6	93.2	93.8	93.9	93.9	94.0	94.0	940	94.3	94.3	94.3	94.4	94.4	94.4	94.4
GE		92.8	93.6	94.2	94.8	94.9	94.9	95.0	95.0	95.0	95.3	95.3	95.3	95.4	95.4	95.4	95.4
GE		93.8	94.6	95.2	95.8	96.0	96.0	96.1	96.1	96.1	96.4	96.4	96.4	96.6	96.6	96.6	96.6
c=	35001	0, 1	0/ 0	OF 4	04 1	04.7	04.7	04 /	04 /	06 /	04.9	96.8	96.8	96.9	96.9	96.9	96.9
GE	,	94.1	94.9	95.6	96.1	96.3 96.9	96.3 96.9	96.4 97.0	96.4 97.0	96.4 97.0	96.8 97.3	97.3	97.3	97.4	97.4	97.4	97.4
GE		94.6	95.4	96.1	96.7		97.2			97.0	97.7	97.7	97.7	97.8	97.8	97.8	97.8
GE		94.7	95.8	96.4	97.0	97.2		97.3	97.3				98.0	98.1		98.1	98.1
GE		95.0	96.1	96.8	97.3	97.6	97.6 97.9	97.7	97.7 98.0	97.7 98.0	98.0 98.3	98.0 98.3	98.3	98.4	98.1 98.4	98.4	98.4
GE	1200	95.3	96.4	97.1	97.7	97.9	97.9	98.0	98.0	90.0	96.3	98.3	90.3	90.4	90.4	90.4	90.4
GE	1000	95.4	96.6	97.2	97.8	98.0	98.0	98.1	98.1	98.1	98.4	98.4	98.4	98.6	98.6	98.6	98.6
GE	900	95.4	96.6	97.2	97.8	98.0	98.0	98.1	98.1	98.1	98.4	98.4	98.4	98.6	98.6	98.6	98.6
GE	800	95.4	96.7	97.3	98.0	98.2	98.2	98.3	98.3	98.3	98.7	98.7	98.7	98.8	98.8	98.8	98.8
GE	700	95.7	96.9	97.6	98.2	98.4	98.4	98.6	98.6	98.6	98.9	98.9	98.9	99.0	99.0	99.0	99. 0
GE	600	95.8	97.0	97.7	98.4	98.7	98.7	98.8	98.8	98.8	99.1	99.1	99.1	99.2	99.2	99.2	99.2
GE	500 l	96.0	97.2	98.2	99.0	99.2	99.2	99.3	99.3	99.3	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE		96.0	97.2	98.3	99.1	99.3	99.3	99.4	99.4	99.4	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE	,	96.0	97.2	98.4	99.2	99.4	99.4	99.6	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE		96.0	97.2	98.4	99.2	99.4	99.4	99.6	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.C
GE	•	96.0	97.2	98.4	99.2	99.4	99.4	99.6	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.€
GE	0004	96.0	97.2	98.4	99.2	99.4	99.4	99.6	99.6	99.6	99.9	99.9	00.0	100.0	100.0	100.0	100.0
GE	1000	70.0	71.2	70.4	77.6	77.4	77.4	77.0			,,,, ,,,,,	****					

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5 MONTH: APR HOURS: 03-05

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CEI	LING				• • • • • • • •		VISIBII	ITY IN	STATUTE	MILES	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •			• • • • • •
	N I	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
		7		5	4	3	2 1/2	2		1 1/4		3/4	5/8	1/2	3/8	1/4	0
11	ET	,	6	>	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/6	1/2	3/0	1/4	U
•••	•••••	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •
				47.0	/A 7	(0.7	 7	70.0	70.7	70.7	70 7	70.0	70.0	70.0	70.0	70.0	70.0
NO	CEIL	66.2	66.8	67.9	68.7	69.7	69.7	70.0	70.3	70.3	70.7	70.8	70.8	70.8	70.9	70.9	70.9
									00.4								
	20000		78.4	79.7	80.4	81.4	81.4	81.8	82.1	82.1	82.4	82.6	82.6	82.6	82.7	82.7	82.7
	18000		78.4	79.7	80.4	81.4	81.4	81.8	82.1	82.1	82.4	82.6	82.6	82.6	82.7	82.7	82.7
	16000		78.6	79.8	80.6	81.6	81.6	81.9	82.2	82.2	82.6	82.7	82.7	82.7	82.8	82.8	82.8
	14000		78.6	79.8	80.6	81.6	81.6	81.9	82.2	82.2	82.6	82.7	82 7	82.7	82.8	82.8	82.8
GE	12000	79.7	80.2	81.4	82.4	83.4	83.4	83.8	84.1	84.1	84.4	84.6	84.6	84.6	84.7	84.7	84.7
	10000		83.1	84.3	85.3	86.3	86.3	86.7	87.0	87.0	87.3	87.4	87.4	87.4	87.6	87.6	87.6
GE	9000	83.7	84.2	85.4	86.4	87.4	87.4	87.8	88.1	88.1	88.4	88.6	88.6	88.6	88.7	88.7	88.7
GE	8000	84.7	85.2	86.6	87.6	88.6	88.6	88.9	89.2	89.2	89.6	89.7	89.7	89.7	89.8	89.8	89.8
GE	7000	84.7	85.3	86.7	87.7	88.7	88.7	89.0	89.3	89.3	89.7	89.8	89.8	89.8	89.9	89.9	89.9
GE	6000	85.0	85.7	87.0	88.0	89.0	89.0	89.3	89.7	89.7	90.0	90.1	90.1	90.1	90.2	90.2	90.2
	Ì																
GE	5000	86.1	86.8	88.1	89.1	90.1	90.1	90.4	90.8	90.8	91.1	91.2	91.2	91.2	91.3	91.3	91.3
GΕ	4500 i	86.8	87.4	88.8	89.8	90.8	90.8	91.1	91.4	91.4	91.8	91.9	91.9	91.9	92.0	92.0	92.0
GE	4000 Í	88.1	88.8	90.1	91.1	92.1	92.1	92.4	92.8	92.8	93.1	93.2	93.2	93.2	93.3	93.3	93.3
GE	•	88.7	89.3	90.7	91.7	92.7	92.7	93.0	93.3	93.3	93.7	93.8	93.8	93.8	93.9	93.9	93.9
GE		90.1	90.8	92.1	93.1	94.1	94.1	94.4	94.8	94.8	95.1	95.2	95.2	95.2	95.3	95.3	95.3
G.	3000	, , , , ,	,0.0	74.	/3.1	/4.1	,4.,	,,,,	,,,,	74.0	,,,,	,,,,,	,,,,	,,,,	,,,,	,,,,	,,,,
GE	2500 [90.8	91.4	92.8	93.8	94.8	94.8	95.1	95.4	95.4	95.8	95.9	95.9	95.9	96.0	96.0	96.0
GE		91.3	92.0	93.3	94.6	95.6	95.6	95.9	96.2	96.2	96.6	96.7	96.7	96.7	96.8	96.8	96.8
GE		91.3	92.0	93.3	94.6	95.6	95.6	95.9	96.2	96.2	96.6	96.7	96.7	96.7	96.8	96.8	96.8
	,										97.1	97.2	97.2	97.2	97.3	97.3	97.3
GE		91.8	92.4	93.8	95.1	96.1	96.1	96.4	96.8	96.8							
GE	1200	92.4	93.3	94.7	96.0	97.0	97.0	97.3	97.7	97.7	98.0	98.1	98.1	98.1	98.2	98.2	98.2
	4000	03.4	07.	0/ 0	0/ 1	07.4	07.4	07.	07.0	07.0	00.0	00.7	00.7	00.7	00.7	00 /	00 /
GE		92.6	93.4	94.8	96.1	97.1	97.1	97.6	97.9	97.9	98.2	98.3	98.3	98.3	98.4	98.4	98.4
GE		92.7	93.6	94.9	96.2	97.2	97.2	97.7	98.0	98.0	98.3	98.4	98.4	98.4	98.6	98.6	98.6
GE		92.7	93.6	95.0	96.3	97.3	97.3	97.8	98.1	98.1	98.4	98.6	98.6	98.6	98.7	98.7	98.7
GΕ		92.9	93.8	95.2	96.6	97.6	97.6	98.0	98.3	98.3	98.7	98.8	98.8	98.8	98.9	98.9	98.9
GE	600	93.0	93.9	95.3	96.7	97.7	97.?	98.1	98.4	98.4	98.8	98.9	98.9	98.9	99.0	99.0	99.0
	1																
GE	500	93.4	94.3	95.9	97.2	98.2	98.2	98.7	99.0	99.0	99.3	99.4	99.4	99.4	99.6	99.6	99.6
GΕ	400	93.4	94.3	95.9	97.2	98.3	98.3	98.8	99.1	99.1	99.4	99.6	99.6	99.6	99.7	99.7	99.7
GE	300 j	93.6	94.4	96.0	97.4	98.6	98.6	99.0	99.3	99.3	99.7	99.8	99.8	99.8	99.9	99.9	99.9
GE	200 i	93.6	94.4	96.0	97.4	98.6	98.6	99.0	99.3	99.3	99.7	99.8	99.8	99.8	99.9	99.9	99.9
GE	100 İ	93.6	94.4	96.0	97.4	98.6	98.6	99.0	99.3	99.3	99.7	99.8	99.8	99.8	99.9	99.9	100.0
	i																
GE	000 ί	93.6	94.4	96.0	97.4	98.6	98.6	99.0	99.3	99.3	99.7	99.8	99.8	99.8	99.9	99.9	100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88

U 1.		·ONBEN	141743	LS	T TO UT	C: + 5					MONT	H: APR	HOURS	: 06-08	00,	-	
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	ILING In	CE	CE	GE	GE	GE	GE	LIIT IN GE	STATUTI GE	GE	CE	GÉ	GE	CE	CE	CE	CE
	EET .	GE 7	GE 6	5	4	3	2 1/2	2		1 1/4	GE 1	3/4	5/8	GE 1/2	GE 3/8	GE 1/4	GE O
r	EE 1	i '	0	,	4	,	2 1/2	2	1 1/2	1 1/4	'	3/4	2/6	1/2	3/6	1/4	U
		 I		• • • • • •			•••••		• • • • • • •	• • • • • • •	• • • • •		• • • • • • •				
NO	CEIL	60.6	61.9	64.0	64.7	65.8	66.0	66.4	66.6	66.6	66.9	66.9	66.9	67.6	67.6	67.7	67.7
					7. .	0	70.0	70.7	70.0	70.0	70.7			•••			
_	20000		73.2	75.6	76.6	77.8 77.9	78.0	78.7	79.0	79.0	79.3	79.3	79.3	80.0	80.0	80.1	80.1
_	18000		73.3	75.7	76.7 76.9	78.1	78.1 78.3	78.8 79.0	79.1 79.3	79.1 79.3	79.4 79.7	79.4 79.7	79.4	80.1 80.3	80.1	80.2	80.2
	16000		73.6	75.9		78.9	79.1	79.0					79.7		80.3	80.4	80.4
	14000		74.3	76.7	77.7 79.3				80.1	80.1	80.4	80.4	80.4	81.1	81.1	81.2	81.2
ÜE	12000	13.9	75.8	78.3	19.3	80.6	80.8	81.4	81.8	81.8	82.1	82.1	82.1	82.8	82.8	82.9	82.9
GE	10000	77.6	78.9	81.6	82.6	83.8	84.0	84.7	85.0	85.0	85.3	85.3	85.3	86.0	86.0	86.1	86.1
GE	9000	78.0	80.0	82.7	83.7	84.9	85.1	85.8	წგ.1	86.1	86.4	86.4	86.4	87.1	87.1	87.2	87.2
GE	8000	79.6	81.6	84.3	85.3	86.6	86.8	87.4	87.8	87.8	88.1	88.1	88.1	88.8	88.8	88.9	88.9
GE	7000	79.7	81.7	4.4	85.4	86.7	86.9	87.6	87.9	87.9	88.2	88.2	88.2	88.9	88,9	89.0	89.0
GΕ	6000	80.3	82.3	85.1	86.1	87.3	87.6	88.2	88.6	88.6	88.9	88.9	88.9	89.6	89.6	89.7	89.7
GE	5000 l	81.9	83.9	86.7	87.7	88.9	89.1	89.8	90.1	90.1	90.4	90.4	90.4	91.1	91,1	91.2	91.2
GE		82.4	84.4	87.2	88.2	89.4	89.7	90.3	90.7	90.7	91.0	91.0	91.0	91.7	91.7	91.8	91.8
GE		83.3	85.3	88.1	89.2	90.4	90.7	91.3	91.7	91.7	92.0	92.0	92.0	92.7	92.7	92.8	92.8
GE	•	84.3	86.3	89.1	90.2	91.4	91.7	92.3	92.7	92.7	93.0	93.0	93.0	93.7	93.7	93.8	93.8
GE	,	85.3	87.3	90.1	91.2	92.4	92.7	93.3	93.7	93.7	94.0	94.0	94.0	94.7	94.7	94.8	94.8
	j						_										
GE	,	85.9	87.9	90.7	92.0	93.2	93.4	94.1	94.4	94.4	94.8	94.8	94.8	95.4	95.4	95.6	95.6
GE	,	86.1	88.2	91.0	92.6	93.8	94.0	94.7	95.0	95.0	95.3	95.3	95.3	96.0	96.0	96.1	96.1
GE	,	86.2	88.3	91.1	92.7	93.9	94.1	94.8	95.1	95.1	95.4	₹5.4	95.4	96.1	96.1	96.2	96.2
GE	1500	86.3	88.6	91.3	92.9	94.1	94.3	95.1	95.4	95.4	95.8	95.8	95.8	96.4	96.4	96.6	96.6
GE	1200	86.7	89.0	91.8	93.3	94.6	94.8	95.6	95.9	95.9	96.3	96.3	96.3	97.0	97.0	97.1	97.1
GE	10001	87.0	89.3	92.1	93.7	94.9	95.1	95.9	96.2	96.2	96.7	96.7	96.7	97.3	97.3	97.4	97.4
GE		87.0	89.3	92.1	93.7	95.1	95.3	96.1	96.4	96.4	96.9	96.9	96.9	97.6	97.6	97.7	97.7
GE	•	87.1	89.4	92.2	93.9	95.3	95.6	96.3	96.7	96.7	97.1	97.1	97.1	97.8	97.8	97.9	97.9
GE		87.1	89.4	92.2	93.9	95.3	95.6	96.4	96.8	96.8	97.2	97.2	97.2	97.9	97.9	98.0	98.0
GE		87.2	89.6	92.6	94.2	95.7	95.9	96.9	97.2	97.2	97.7	97.7	97.7	98.3	98.3	98.4	98.4
]	l															
GE		87.3	89.7	92.8	94.4	95.9	96.1	97.2	97.6	97.6	98.0	98.0	98.0	98.7	98.7	98.8	98.8
GE		87.4	89.8	92.9	94.6	96.2	96.4	97.8	98.2	98.2	98.7	98.7	98.7	99.3	99.4	99.6	99.6
GE		87.4	89.8	92.9	94.6	96.3	96.6	98.1	98.6	98.6	99.0	99.0	99.0	99.7	99.8	99.9	99.9
GE	,	87.4	89.8	92.9	94.6	96.3	96.6	98.1	98.6	98.6	99.0	99.0	99.0	99.7	99.8	99.9	100.0
GE	100	87.4	89.8	92.9	94.6	96.3	96.6	98.1	98.6	98.6	99.0	99.0	99.0	99.7	99.8	99.9	100.0
GE	000	87.4	89.8	92.9	94.6	96.3	96.6	98.1	98.6	98.6	99.0	99.0	99.0	99.7	99.8	99.9	100.0
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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: APR HOURS: 09-11

				LSI	10 010	.; + 5					MUNIF	1: APK	HOURS	: 09-11			
CEIL	ING	• • • • • • •	•••••	• • • • • • •	• • • • • • •	•••••			STATUTE				• • • • • • •	• • • • • • •		• • • • • • •	• • • • • •
IN		GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEE	T	7	6	5	4	3	2 1,′2	2	1 1/2	1 1/4	. 1	3/4	5/8	1/2	3/8	1/4	0
								40.0	40.0								
NO C	EIL	62.1	62.6	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	8.56
		75.0	75.9	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
		75.1	76.0	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
		75.3	76.3	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
		75.9	76.9	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 1	2000	78.8	79.8	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
		80.6	81.7	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
		82.4	83.6	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
		84.7	85.9	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
		85.2	86.4	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE	6000	86.3	87.6	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE	5000	88.1	89.3	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE	4500 j	89.3	90.6	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE	4000	90.6	91.8	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE	3500	91.8	93.0	93.8	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE	3000	93.0	94.2	95.0	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE	2500	93.7	94.9	95.7	96.0	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE .	2000	94.7	96.0	96.8	97.1	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE	1800	94.8	96.1	96.9	97.2	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE	1500 j	95.1	96.4	97.3	97.7	97.8	97.8	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GΕ	1200	96.0	97.3	98.3	98.7	98.8	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE	1000	96.2	97.6	98.6	98.9	99.1	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE	900	96.3	97.7	98.7	99.0	99.2	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE	800	96.6	97.9	98.9	99.2	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE	700	96.6	97.9	98.9	99.2	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GΞ	600	96.6	97.9	98.9	99.2	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE	500 l	96.6	97.9	99.1	99.4	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE	400	96.6	97.9	99.1	99.4	99.8	99.8	99.9	99.9		100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		96.6	97.9	99.1	99.4	99.8	99.8	99.9	99.9		100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		96.6	97.9	99.1	99.4	99.8	99.8	99.9	99.9	99.9	100.0	100.0		100.0	100.0	100.0	100.0
GE		96.6	97.9	99.1	99.4	99.8	99.8	99.9	99.9		100.0		100.0		100.0	100.0	100.0
GE	0001	96.6	97.9	99.1	99.4	99.8	99.8	99.9	99.9	99.0	100 0	100.0	100.0	100 0	100.0	100 0	100.0
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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: APR HOURS: 12-14

				LST	TO UT	C: + 5					MONT	H: APR	HOURS	: 12-14			
CEI	TNC	• • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	VICIDI		STATUT			· · · · · · ·	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • •
LE I	LING	GE	GE	GE	GE	GE	GE	GE	GE	GE GE	GE	GE	GE	GE	GE	GE	GE
FE		7	6	5	4	3	2 1/2			1 1/4		3/4	5/8	1/2	3/8	1/4	0
		, ,				<i>.</i>	٠,٠٠٠										
NO (CEIL	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE :	20000 l	76.6	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
	18000		77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE	16000	76.9	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE	14000	77.7	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE	12000	79.8	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE	10000	81 A	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE		83.4	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE	8000		86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE		86.1	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE		87.1	87.7	87.9	87.9	87.9	37.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
				0	•	• • • • • • • • • • • • • • • • • • • •											
GE	5000	89.2	89.8	90.0	90.0	90.0	90.u	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE	4500	91.1	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE	4000]	92.3	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE	3500	93.4	94.1	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE	3000	95.2	95.9	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE	25001	95.8	96.4	96.8	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE		97.3	98.1	98.4	98.4	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE	,	97.3	98.1	98.4	98.4	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE		97.4	98.2	98.6	78.6	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE	,	97.7	98.4	98.9	98.9	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
C.F.	10001	97.7	98.4	98.9	98.9	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE GE		97.7	98.4	98.9	98.9	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE		97.7	98.4	98.9	98.9	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE		97.7	98.4	98.9	98.9	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE	,	97.8	98.6	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Ü.	000	77.5	,0.0	,,,,	,,.,	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0		
GE	500	97.8	98.6	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GΕ	400	97.8	98.6	99.1	99.1	100.0	100.0	100.0			100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	300	97.8	98.6	99.1	99.1	100.0	100.0	100.0			100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	200	97.8	98.6	99,1	99.1	100.0		100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	100	97.8	98.6	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	000	97.8	98.6	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 MONTH: APR HOURS: 15-17

				LST	to uto	: + 5					MONT	H: APR	HOURS:	15-17			
			• • • • • •	• • • • •		• • • • • •					• • • • • • •	• • • • • •	• • • • • • •	• • • • • •		• • • • • •	• • • • • •
CEILIN									STATUTE			-	0.5	c.=	o r		
IN	G			GE 5	GE 4	GE 3	GE	GE 2	GE 1 1 / 2	GE 1 1/4	GE 1	GE	GE E (0	GE 1/2	GE	GE 1//	GE O
FEET	1	7 (•	כ	4	3	2 1/2	2	1 1/2	1 1/4	,	3/4	5/8	1/2	3/8	1/4	U
•••••				••••					• • • • • • • •			• • • • • •		• • • • • •	•••••		• • • • • •
NO CEI	1 61	.7 61.	7 61	1.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
110 021	- 0	•		•	• • • • • • • • • • • • • • • • • • • •		• • • • • • • • • • • • • • • • • • • •	•				•				• , , ,	• • • • • • • • • • • • • • • • • • • •
GE 200	00 81	.0 81	.4 81	1.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 180	DO 81.	.4 81	.9 81	1.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 160	00 j 81.	.4 81.	9 81	1.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 140	00 82	.2 82.	.7 82	2.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	£2.7	82.7	82.7	82.7	82.7	82.7
GE 120	00 83	.4 83	.9 83	5.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.	83.9	83.9
GE 100				5.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
	00 86			7.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
	00 89.			8.9	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
	00 89.			0.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 60	DOĮ 90.	8 91.	3 91	1.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91 4	91.4
CE E0	01 01	0 00	/ 03		02 (02.4	02.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
	00 91.			2.6	92.6	92.6 93.6	92.6 93.6		93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
	00 92. 00 93.			3.6 5.6	93.6 94.7	94.9	94.9	93.6 94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
	00 93. 00 94.			5.7	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
	00 95.			5.6	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 30	101 43.	. 2 70.	1 70		70.0	71.2	71.4	71.6	71.6	71.2	71.6	71.2	71.2	,,,,	71.6	77.2	,,
GE 25	oj 95.	.8 96.	9 97	7.4	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
	00 96			7.9	98.2	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
	00 96			7.9	98.3	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 15	00 96.	2 97.	3 97	7.9	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99,2	99.2	99.2	99.2	99.2	99.2
GE 12	00 j 96.	.2 97.	3 97	7.9	98.4	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
	Ì																
GE 10	00 96.	.2 97.		3.0	98.6	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99. 4	99.4	99.4	99.4	99.4
	00 96.				98.7	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
)O 96.			3.2	98.8	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
	DO 96.			3.2	98.8	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 61	10 96.	4 97.	7 98	3.2	98.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
	!								00.0	00.0	00.0	~~ ~	~~ ~	00.0	00.0	00.0	00.0
	00 96.			3.2	98.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
-	0 96.			3.2	98.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0 100.0	100.0 100.0	100.0	100.0	100.0
	96.			1.2	98.8	99.8	99.8	99.8	99.9	99.9 99.9	100.0	100.0	100.0	100.0	100.0	100.9	100.0
	00 96.			3.2	98.8	99.8 99.8	99.8 99.8	99.8 99.8	99.9 99.9		100.0	100.0	100.0	100.0	100.0	,00.0	100.0
GE 10	0 96.	4 97.	1 98	3.2	98.8	99.0	77.0	77.0	77.7	77.7	100.0	100.0	100.0	100.0	100.0	.00.0	100.0
GE O)01 96.	4 97.	7 09	3.2	98.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5 MONTH: APR HOURS: 18-20

				LST	TO UT	C: + 5					MONT	H: APR	HOURS	s: 18-20	J		
CEIL	ING	• • • • • •	• • • • • •	• • • • • • •		•••••	VISIBIL	ITY IN	STATUTI	E MILES	 }		• • • • • •	• • • • • •			• • • • •
1N) [GE	GE	GE	GE	GE	GE	GΕ	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEE	Τ	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
• • • • •	• • • • •	• • • • • •	• • • • • • •	• • • • • • •		•••••		• • • • • •	• • • • • • •	• • • • • •	• • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •
NO C	E11	62.7	63.2	63.2	63.2	63.2	63.2	63.2	63.	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
NO L		02.7	05.2	05.2	05.2	05.2	٠,	05.2	05.	03.2	03.2	05.2	03.2	05.2	05.2	05.2	03.2
GE 2	0000	82.6	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 1	8000	82.8	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 1	6000	82.8	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 1	4000	82.8	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 1	2000	83.9	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
	0000	05 /	04.0	04.0	0/ 0	94.0	94 0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	0/ 0
		85.4	86.0	86.0	86.0	86.0 87.1	86.0 87.1	86.0 87.1	86.0 87.1	86.0 87.1	86.0	86.0	86.0 87.1	86.0 87.1	86.0 87.1	86.0	86.0 87.1
		86.4 89.2	87.1 89.9	87.1 90.1	87.1 90.1	90.2	90.2	90.2	90.2	90.2	87.1 90.2	87.1 90.2	90.2	90.2	90.2	87.1 90.2	90.2
		90.1	90.8	91.0	91.0	91.1	91.1	90.2 S1.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
		90.8	91.4	91.7	91.7	91.1	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.1	91.8	91.8	91.1
GE.	0000	70.5	71.4	71.7	71.7	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE	5000	91.2	92.1	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE -	4500	91.7	92.6	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE	4000 j	92.7	93.6	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE :	3500 j	93.2	94.1	94.3	94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE :	3000 j	94.8	95.7	96.0	96.0	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
C.F.	25.00	95.1	04.0	04.4	96.7	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
	,	95.8	96.0	96.6			97.6	97.7	97.0 97.7	97.7	97.0	97.0	97.7	97.0	97.7	97.0	97.0
		96.0	96.7 96.9	97.2 97.6	97.3 97.7	97.6 97.9	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
	,	96.6	97.4	98.1	98.2	98.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
	,	96.8	97.8	98.6	98.7	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GL.	1200	,0.0	77.0	70.0	70.7	77.0	77.0	77.3	,,,,	,,,,	,,.,	77.3	,,,,	,,,,	,,,,	,,,,	,,,,
GE	1000	96.9	97.9	98.7	98.8	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE	900	97.1	98.1	98.9	99.0	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE	800	97.2	98.2	99.0	99.1	99.4	99.4	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE	700	97.2	98.2	99.0	99.1	99.4	99.4	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE	600	97.2	98.2	99.0	99.1	99.4	99.4	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
C.E.	E00 l	97.2	98.2	00.0	99.1	99.4	00.7	99.8	99.8	99.8	99.9	99.9	99.9	99,9	99.9	99.9	99.9
GE GE		97.2	98.2	99.0 99.0	99.1	99.4	99.4 99.4	99.8	99.8		100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		97.2	98.2	99.0	99.1	99.4	99.4	99.8	99.8		100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		97.2	98.2	99.0	99.1	99.4	99.4	99.8	99.8		100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		97.2	98.2	99.0	99.1	99.4	99.4	99.8	99.8		100.0	100.0	100.0	100.0		100.0	100.0
JL	1001	71.2	70.2	77.0	77.1	77. 4	/7.4	,,,,	,,,,	,,,,	.50.0	,00.0	.00.0	.00.0	.00.0	.00.0	.00.0
GE	000	97.2	98.2	99.0	99.1	99.4	99.4	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: APR HOURS: 21-23

				LST	TO UTO	: + 5					MONT	H: APR	HOURS	: 21-23			
CE I	LING	• • • • • •	• • • • • • •		• • • • • •	•••••	VISIBI	LITY IN	STATUT	 E MILES		• • • • • •	• • • • • •	• • • • • •		• • • • • •	• • • • • •
	N	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
	ΕT	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
•••	••••									• • • • • • •				• • • • • • •			
	CE 11	1 40 7	40.7	69.7	69.7	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
NU	CEIL	69.3	69.7	09.7	07.7	07.7	07.7	07.0	07.0	07.0	07.0	07.0	09.0	07.0	07.0	07.0	07.0
GE	20000	82.6	82.9	82.9	82.9	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
		82.6	82.9	82.9	82.9	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE	16000	82.6	82.9	82.9	82.9	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE	14000	82.7	83.0	83.0	83.0	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE	12000	84.3	84.7	84.7	84.7	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE	10000	 87.0	87.3	87.3	87.3	87.4	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE		87.3	87.7	87.7	87.7	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE		89.9	90.2	90.2	90.2	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE		90.1	90.6	90.6	90.6	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE		91.3	91.9	91.9	91.9	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
		i															
GE	5000	91.9	92.7	92.7	92.7	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE	4500	92.4	93.3	93.3	93.3	93.4	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE	4000	93.2	94.1	94.1	94.1	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE	3500	94.1	95.0	95.0	95.0	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE	3000	94.9	95.8	95.9	96.0	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE	2500	95.4	96.3	96.4	96.6	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE	2000	96.1	97.0	97.1	97.2	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE	1800	96.2	97.1	97.2	97.3	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE	1500	96.9	97.8	97.9	98.0	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE	1200	97.6	98.7	98.8	98.9	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE	1000	97.6	98.7	98.8	98.9	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE		97.6	98.7	98.8	98.9	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE		97.7	98.8	98.9	99.0	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE	,	97.9	99.0	99.1	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE		97.9	99.0	99.1	99.3	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
	i																
GE	,	97.9	99.0	99.1	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE		97.9	99.0	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		97.9	99.0	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	,	97.9	99. 0	99.2	99.6	99.9	99.9	100.0			100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	ا 100	97.9	99.0	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	000	97.9	99.0	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		• • • • • • • • • • • • • • • • • • • •	• • • • • • •	· · · · · · · ·													

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5 MONTH: APR HOURS: ALL

				LST	TO UT	:: + 5					MONT	H: APR	HOURS:	ALL			
CEILI	NG	•••••	• • • • • •	• • • • • •	• • • • • •		VISIBIL	ITY IN	STATUT	E MILES	• • • • • •	• • • • • •	• • • • • •	•••••	• • • • • •	• • • • • •	• • • • • •
IN	- 1	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	i	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
	• • • • •				· • • • • • •												
	J		_												_		
NO CE	IL	64.2	64.7	65.2	65.4	65.7	65.8	65.9	65.9	65.9	66.1	66.1	66.1	66.2	66.2	66.2	66.2
GE 20	000	70.0	79.7	80.2	80.5	80.8	80.9	81.0	81.1	81.1	81.2	81.3	81.3	81.3	81.4	81.4	81.4
GE 18			79.8	80.3	80.7	81.0	81.0	81.1	81.2	81.2	81.3	81.4	81.4	81.5	81.5	81.5	81.5
GE 16	1	-	79.9	80.5	80.8	81.1	81.1	81.3	81.4	81.4	81.5	81.5	81.5	81.6	81.6	81.6	81.6
GE 14			80.3	80.9	81.2	81.5	81.5	81.7	81.8	81.8	81.9	81.9	81.9	82.0	82.0	82.0	82.0
GE 12			81.8	82.4	82.8	83.1	83.1	83.3	83.3	83.3	83.5	83.5	83.5	83.6	83.6	83.6	83.6
02 12	1	01	00	00.7	02.0	551			05.5	••••	00.5		03.7	00.0	03.0	03.0	05.0
GE 10	000	83.3	84.0	84.6	85.0	85.3	85.3	85.5	85.5	85.5	85.7	85.7	85.7	85.8	85.8	85.8	85.8
GE 9	000 j	84.3	85.1	85.8	86.1	86.4	86.4	86.6	86.7	86.7	86.8	86.8	86.8	86.9	86.9	86.9	86.9
GE 8	000 j	86.5	87.3	88.1	88.4	88.7	88.7	88.9	89.0	89.0	89.1	89.1	89.1	89.2	89.2	89.2	89.2
GE 7	000	86.8	87.7	88.4	88.8	89.1	89.1	89.3	89.3	89.3	89.5	89.5	89.5	89.6	89.6	89.6	89.6
GE 6	000	87.6	88.5	89.2	89.5	89.9	89.9	90.0	90.1	90.1	90.3	90.3	90.3	90.4	90.4	90.4	90.4
	J																
	•	88.8	89.7	90.5	90.8	91.1	91.2	91.3	91.4	91.4	91.5	91.5	91.5	91.6	91.6	91.7	91.7
		89.7	90.7	91.4	91.7	92.1	92.1	92.2	92.3	92.3	92.4	92.5	92.5	92.6	92.6	92.6	92.6
		90.7	91.7	92.4	92.8	93.2	93.2	93.3	93.4	93.4	93.5	93.6	93.6	93.7	93.7	93.7	93.7
		91.6	92.6	93.4	93.8	94.2	94.2	94.4	94.5	94.5	94.6	94.6	94.6	94.7	94.7	94.7	94.7
GE 3	000	92.8	93.8	94.6	95.0	95.5	95.5	95.7	95.8	95.8	95.9	95.9	95.9	96.0	96.0	96.0	96.0
GE 2	500 l	93.3	94.3	95.2	95.7	96.2	96.2	96.4	96.5	96.5	96.6	96.6	96.6	96.7	96.7	96.8	96.8
		94.0	95.1	96.0	96.5	97.0	97.1	97.2	97.3	97.3	97.4	97.5	97.5	97.6	97.6	97.6	97.6
		94.1	95.2	96.1	96.7	97.2	97.2	97.4	97.5	97.5	97.6	97.7	97.7	97.8	97.8	97.8	97.8
		94.4	95.5	96.5	97.0	97.6	97.6	97.9	97.9	97.9	98.1	98.1	98.1	98.2	98.2	98.2	98.2
	200	94.8	96.0	97.0	97.6	98.2	98.2	98.4	98.5	98.5	98.7	98.7	98.7	98.8	98.8	98.8	98.8
	i																
GE 1	j 000	94.9	96.2	97.1	97.7	98.3	98.3	98.6	98.7	98.7	98.8	98.8	98.8	98.9	99.0	99.0	99.0
GE '	900	95.0	96.2	97.2	97.8	98.4	98.5	98.7	98.8	98.8	98.9	99.0	99.0	99.1	99.1	99.1	99.1
GE :	008	95.1	96.3	97.3	97.9	98.6	98.6	98.8	98.9	98.9	99.1	99.1	99.1	99.2	99.2	99.2	99.2
	1	95.2	96.4	97.4	98.0	98.7	98.7	98.9	99.0	99.0	99.2	99.2	99.2	99.3	99.3	99.3	99.3
GE	600 j	95.2	96.5	97.5	98.1	98.8	98.8	99.1	99.2	99.2	99.3	99.4	99.4	99.5	99.5	99.5	99.5
	!																aa 3
		95.3	96.6	97.7	98.3	99.0	99.0	99.3	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7
	•	95.3	96.6	97.7	98.4	99.1	99.1	99.4	99.5	99.5	99.7	99.8	99.8	99.8	99.9	99.9	99.9
		95.4	96.6	97.8	98.4	99.2	99.2	99.5	99.6	99.6	99.8	99.8	99.8	99.9	100.0	100.0	100.0
		95.4	96.6	97.8	98.4	99.2	99.2	99.5	99.6	99.6	99.8	99.8	99.8	99.9	100.0	100.0	100.0
GE	וייייו	95.4	96.6	97.8	98.4	99.2	99.2	99.5	99.6	99.6	99.8	99.8	99.8	99.9	100.0	100.0	100.0
GE (ו ומחח	95.4	96.6	97.8	98.4	99.2	99.2	99.5	99.6	99.6	99.8	99.8	99.8	99.0	100.0	100 0	100.0
JL ,			,,,,	,,,,	,,,,		77.6										

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5 PERIOD OF RECORD: NOV 78 - OCT 88

				LS	יוט טוי	L: + 3					MUNIT	: MAY	HUUKS	: 00-02			
CE	ILING	•••••				• • • • • •	VISIBIL	ITY IN	STATUTE	MILES	•••••	• • • • • • •	•••••	• • • • • • •	• • • • • •	• • • • • • •	•••••
	IN	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
F	EET	j 7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
••	• • • • • •		• • • • • • •	• • • • • • •		• • • • • •		• • • • • •			• • • • • •	• • • • • • •	• • • • • •		• • • • • •	• • • • • •	• • • • • •
NO	CEIL	71.6	71.6	72.2	72.3	72.3	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.6	72.6	72.6	72.6
GΕ	20000	84.5	84.6	85.3	85.5	85.5	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.8	85.8	85.8	85.8
GĘ	18000	84.5	84.6	85.3	85.5	85.5	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.8	85.8	85.8	85.8
GE	16000	84.5	84.6	85.3	85.5	85.5	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.8	85.8	85.8	85.8
GE	14000	84.5	84.6	85.3	85.5	85.5	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.8	85.8	85.8	85.8
GE	12000	85.6	85.7	86.3	86.6	86.6	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.9	86.9	86.9	86.9
GF	10000	 88.3	88.6	89.2	89.5	89.5	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.8	89.8	89.8	89.8
GE		89.0	89.4	90.0	90.4	90.4	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.8	90.8	90.8	90.8
GE		90.0	90.3	91.0	91.4	91.4	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.7	91.7	91.7	91.7
G€		90.5	90.9	91.5	91.9	91.9	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.3	92.3	92.3	92.3
GE		90.8	91.1	91.7	92.2	92.2	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.5	92.5	92.5	92.5
	0000)			,	,	,,,,	,	,	,	,	,,,,	,	,,,,	,,	,	,,,,
GE	5000	91.5	91.8	92.5	92.9	92.9	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.2	93.2	93.2	93.2
GE	4500	93.4	93.8	94.4	94.8	94.8	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.2	95.2	95.2	95.2
GE	4000	94.7	95.1	95.7	96.1	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.5	96.5	96.5	96.5
GE	3500	95.2	95.5	96.2	96.7	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0
GΕ	3000	95.4	95.7	96.5	96.9	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97,1	97.2	97.2	97.2	97.2
GE	2500	l ! 95.7	96.1	96.9	97.3	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.6	97.6	97.6	97.6
GE		96.1	96.8	97.6	98.1	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4
GE		96.3	97.0	97.8	98.3	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6
GE		96.7	97.3	98.2	98.6	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9
GE		96.9	97.6	98.5	98.9	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2
GE	1000	 96.9	97.6	98.5	98.9	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2
GE		97.0	97.7	98.6	99.9	99.9	99.0	99.2	99.1	99.1	99.2	99.2	99.2	99.4	99.4	99.4	99.4
GE		97.1	97.8	98.7	99.1 99.5	99.1 99.5	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5
GE		97.4	98.2	99.0			99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE	600	97.5 	98.3	99.1	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE	500	97.5	98.3	99.1	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE	400	97.5	98.3	99.1	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE	300	97.6	98.4	99.2	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE	200	97.6	98.4	99.2	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE	100	97.6	98.4	99.2	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE	000	97.6	98.4	99.2	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
																	• • • • •

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88

LST TO UTC: + 5 MONTH: MAY HOURS: 03-05

				LS	וט סז	C: + 5					MONT	TH: MAY	HOURS	s: 03-0	5		
CEIL	ING	• • • • • •	•••••		• • • • • •		VISIBIL	I YTI	N STATUT	E MILES	 3	• • • • • •		• • • • • • •	• • • • • •	• • • • • • •	
IN	1	GE	GΕ	GE	GE	GΕ	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEE	T	j 7	6	5	4	3	2 1/2	2	1 1/2	? 1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
• • • •	• • • • •	<i>.</i>	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	•••••	• • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •
NO C	'EII	l 69.7	70.4	71.6	72.3	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
,,O ()	,0.4		,,,,	,3.0	.5.0		, , , ,		, 3.1	73.1	, 3. 1	,,,,,	73.1	73.1	13.1
GE 2	20000	83.2	84.0	85.4	86.1	86.9	86.9	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 1	8000	83.2	84.0	85.4	86.1	86.9	86.9	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
		83.3	84.1	85.5	86.2	87.0	87.0	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 1	4000	83.5	84.3	85.7	86.5	87.2	87.2	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
SE 1	2000	84.3	85.1	86.5	87.2	88.0	88.0	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 1	י החחחו	 87.2	88.0	89.4	90.1	90.9	90.9	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
		67.8	88.6	90.0	90.8	91.6	91.6	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
		88.7	89.5	90.9	91.6	92.5	92.5	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
		88.8	89.6	91.0	91.7	92.6	92.6	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
	,	88.8	89.6	91.0	91.7	92.6	92.6	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE	0000	i 30.0	07.0	71.0	71.7	72.0	72.0	72.0	76.7	72.7	72.7	76.7	76.7	72.7	72.7	76.7	76.7
GE	5000	89.5	90.2	91.6	92.5	93.4	93.4	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE	4500	90.5	91.3	92.7	93.5	94.5	94.5	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE	4000	91.6	92.4	93.8	94.6	95.6	95.6	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE	3500	92.7	93.4	94.8	95.7	96.7	96.7	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE	3000	93.0	93.8	95.2	96.0	97.0	97.0	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE	2500	93.1	94.0	95.6	96.5	97.4	97.4	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
		93.9	94.7	96.3	97.2	98.2	98.2	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
	1	94.0	94.8	96.5	97.3	98.3	98.3	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
		94.1	94.9	96.6	97.4	98.4	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
		94.3	95.2	96.8	97.7	98.7	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE	1200	74 .3 	43.2	70.6	71.1	90.1	70.7	70.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	77.0
GE	1000	94.3	95.2	96.8	97.7	98.7	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE	900	94.4	95.3	96.9	97.8	98.8	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE	800	94.5	95.4	97.0	98.0	98.9	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE	700	94.8	95.7	97.3	98.3	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE	600	94.8	95.7	97.3	98.3	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99. 7	99.7	99.7	99.7
GE	500	94.8	95.7	97.3	98.3	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE		95.1	95.9	97.5	98.5	99.6	99.6	99.8	99.7	99.9	99.9	99.9	99.7	99.7	99.9	99.7	99.9
GE	,	95.1	95.9	97.5	98.5	99.6	99.6				-				-		-
GE		95.1	95.9	97.5 97.5	98.5	99.7	99.6 99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
								99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1001	95.1	95.9	97.5	98.5	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	000	95.1	95.9	97.5	98.5	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5 PERIOD OF RECORD: NOV 78 - OCT 88

				LS	10 010	.: + >					MUNIT	II MAI	HUUKS:	00-00			
CEI	LING	• • • • • •	•••••	• • • • • •	• • • • • •		VISIBIL	ITY IN	STATUTE		•••••	•••••	•••••	•••••	•••••	• • • • • •	• • • • • •
1	N	i GE	GE	GE	G€	GE	GE	GE	GE	GE	GE	GE	GE	G€	G€	GE	GE
FE	ET	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
		, . • • • • •			• • • • • • •								• • • • • • •		• • • • • •	• • • • • •	• • • • • •
NO	CEIL I	 56.3	57.5	59.6	60.3	61.6	61.6	61.6	61.8	61.8	62.4	62.4	62.4	62.5	62.5	62.5	62.5
		ì															
		70.6	71.9	74.2	75.3	76.7	76.7	76.7	76.9	76.9	77.4	77.4	77.4	77.5	77.5	77.5	77.5
		70.8	72.0	74.3	75.4	76.8	76.8	76.8	77.0	77.0	77.5	77.5	77.5	77.6	77.6	77.6	77.6
		71.3	72.6	74.8	75.9	77.3	77.3	77.3	77.5	77.5	78.1	78.1	78.1	78.2	78.2	78.2	78.2
GE	14000	72.0	73.4	75.7	76.8	78.2	78.2	78.2	78.4	78.4	78.9	78.9	78.9	79.0	79.0	79.0	79.0
GE	12000	74.5	76.0	78.5	79.7	81.2	81.2	81.2	81.4	81.4	81.9	81.9	81.9	82.0	82.0	82.0	82.0
GE	10000	¦ 78.1	79.6	82.0	83.4	85.1	85.1	85.1	85.3	85.3	85.8	85.8	85.8	85.9	85.9	85.9	85.9
GE	9000	79.2	80.8	83.3	84.7	86.3	86.3	86.3	86.6	86.6	87.1	87.1	87.1	87.2	87.2	87.2	87.2
GE	8000	80.9	82.5	85.1	86.5	88.1	88.1	88.1	88.3	88.3	88.8	88.8	88.8	88.9	88.9	88.9	88.9
GE	7000	81.8	83.4	86.0	87.4	89.0	89.0	89.0	89.2	89.2	89.8	89.8	89.8	89.9	89.9	89.9	89.9
GE	6000	82.0	83.7	86.2	87.6	89.2	89.2	89.2	89.5	89.5	90.0	90.0	90.0	90.1	90.1	90.1	90.1
GE	5000	83.0	84.6	87.2	886	90.4	90.4	90.4	90.6	90.6	91.2	91.2	91.2	91.3	91.3	91.3	91.3
GE		84.1	85.8	88.4	89.8	91.6	91.6	91.6	91.8	91.8	92.4	92.4	92.4	92.5	92.5	92.5	92.5
GE		85.7	87.5	90.2	91.6	93.5	93.5	93.5	93.8	93.8	94.3	94.3	94.3	94.4	94.4	94.4	94.4
GE	•	86.5	88.3	91.0	92.4	94.3	94.3	94.3	94.5	94.5	95.1	95.1	95.1	95.2	95.2	95.2	95.2
GE		87.0	88.8	91.5	92.9	95.1	95.1	95.1	95.3	95.3	95.8	95.8	95.8	95.9	95.9	95.9	95.9
GL	3000	1	۵۰.0	71.3	,,	,,,,	,,,,	,,,,	,,,,	,,,,	73.0	/5.0	,,,,	,,,,	,,,,	,,,,	/2./
GE		87.2	89.1	91.9	93.3	95.5	95.5	95.5	95.7	95.7	96.2	96.2	96.2	96.3	96.3	96.3	96.3
GE	2000	87.7	89.7	92.5	93.9	96.0	96.0	96.0	96.2	96.2	96.8	96.8	96.8	96.9	96.9	96.9	96.9
GE		88.1	90.0	92.8	94.3	96.5	96.5	96.5	96.7	96.7	97.2	97.2	97.2	97.3	97.3	97.3	97.3
GE	1500	88.3	90.3	93.1	94.6	97.0	97.0	97.0	97.2	97.2	97.7	97.7	97.7	97.8	97.8	97.8	97.8
GE	1200	88.7	90.8	93.5	95.1	97.4	97.4	97.4	97.6	97.6	98.2	98.2	98.2	98.3	y. 3	98.3	98.3
GE	1000	88.8	90.9	93.7	95.3	97.6	97.6	97.6	97.8	97.8	98.4	98.4	98.4	98.5	98.5	98.5	98.5
GE	•	89.0	91.1	93.9	95.5	97.8	97.8	98.0	98.2	98.2	98.7	98.7	98.7	98.8	98.8	98.8	98.8
GE		89.1	91.2	94.0	95.6	98.0	98.0	98.1	98.3	98.3	98.8	98.8	98.8	98.9	98.9	98.9	98.9
GE	,	89.1	91.2	94.1	95.7	98.1	98.1	98.2	98.4	98.4	98.9	98.9	98.9	99.0	99.0	99.0	99.0
GE	. 1	89.4	91.4	94.4	96.0	98.4	98.4	98.5	98.7	98.7	99.2	99.2	99.2	99.4	99.4	99.4	99.4
GE	5001	89.5	91.5	94.5	96.1	98.5	98.5	98.6	98.8	98.8	99.5	99.5	99.5	99.6	99.6	99.6	99.6
			-	-	96.3	98.7	98.7	98.8	99.0	99.0	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE	,	89.5	91.5	94.7							99.7	99.7	99.7	99.8	99.9	99.9	99.9
GE		89.5	91.5	94.7	96.3	98.7	98.7	98.8	99.0	99.0		99.7	99.7 99.7	99.8	99.9	99.9	99.9
GE		89.5	91.5	9.7	96.3	98.7	98.7	98.8	99.0	99.0	99.7					-	
GE	1001	89.5	91.5	94.7	96.3	98.7	98.7	98.8	99.0	99.0	99.7	99.7	99.7	99.8	99.9	99.9	100.0
GE	000	89.5	91.5	94.7	96.3	98.7	98.7	98.8	99.0	99.0	99.7	99.7	99.7	99.8	99.9	99.9	100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5 MONTH: MAY HOURS: 09-11

				LS	10 01	C: + >					MONT	H: MAY	HOURS	S: 09-1	1		
CE	LING			• • • • • • •	• • • • • • •	• • • • • •	VISIBIL	ITY I	N STATUT	E MILES	 S		• • • • • •	• • • • • •		• • • • • • •	• • • • •
	l N	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	G
FI	ΕT	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	
• • • •	• • • • • •	 I	• • • • • • •		• • • • • • •	• • • • • • •		• • • • •		•••••	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	•••••
NO	CEIL	60.8	61.3	62.4	62.6	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.
GE	20000	76.9	77.5	78.6	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.
GE	18000	76.9	77.5	78.6	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.C	79.0	79.0	79.
GE	16000	77.1	77.7	78.8	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.
GE	14000	78.2	78.8	79.9	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.
GE	12000	80.4	81.2	82.3	82.8	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.
GE	10000	84.5	85.3	86.3	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.
GE		85.5	86.3	87.4	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.
GE		86.2	87.1	88.2	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.
GE		87.2	88.1	89.1	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.
GE		87.4	88.3	89.4	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.
-																	
GE	5000	89.7	90.5	91.6	92.2	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.
GE	4500	90.8	91.7	92.8	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.
GE	4000	91.4	92.4	93.5	94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.
GE	3500	92.0	93.0	94.3	94.8	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.
GE	3000	92.9	93.9	95.2	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.
٥.	25.00	07.1	6. 3	or 7	04.0	04.4	04.4	· ·	O	٠.,		٠.,			٠.,		•
GE		93.1	94.3	95.7	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.
GE		94.1	95.4	96.9	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.
GE	•	94.4	95.7	97.2	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.
GE		95.3	96,8	98.3	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.
GE	1200	95.3	96.8	98.4	98.9	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99 .
GE	1000	95.3	96.8	98.5	99.0	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.
GE	900	95.4	96.9	98.6	99.1	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.
GE	800	95.5	97.0	98.7	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.
GE	700	95.5	97.0	98.7	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.
GE	600¦	95.5	97.0	98.7	99.4	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.
GE	5001	95.5	97.0	98.7	99.4	99.8	99.8	99.9	100.0	100.0	100 0	100.0	100.0	100.0	100.0	100.0	100.
GE	•	95.5	97.0	98.7	99.4	99.8	99.8	99.9			100.0	100.0	100.0	100.0	100.0	100.0	100.
GE	•	95.5	97.0	98.7	99.4	99.8	99.8	99.9			100.0	100.0		100.0	100.0	100.0	100.
GE	•	95.5	97.0	98.7	99.4	99.8	99.8	99.9			100.0	100.0	100.0	100.0	100.0	100.0	100.
GE	100		97.0	98.7	99.4	99.8	99.8	99.9			100.0	100.0	100.0	100.0	100.0	100.0	100.
-	.55		,,	,	,,.4	,,	,,	.,.,	.00.0	.50.0	.50.5		.00.0				100.
GE	000	95.5	97.0	98.7	99.4	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5 PERIOD OF RECORD: NOV 78 - OCT 88

				LST	יזט טזי	: + 5					MONT!	H: MAY	HOURS	: 12-14			
CE	ILING	• • • • • • •	•••••		• • • • • •	• • • • • •	VISIBIL	ITY IN	STATUTE	MILES	• • • • • • • • • • • • • • • • • • •	• • • • • •		• • • • • • •		• • • • • •	• • • • • •
	IN	i GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
	EET	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4		3/4	5/8	1/2	3/8	1/4	0
		,			· • • • • • •						· · · · · ·			• • • • • • •	• • • • • • •	· · · · · · ·	
NO	CEIL	1 61.4	61.4	61.7	61.7	61.9	61.9	61.9	61.9	61,9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
NO	CEIL]	01.4	01.7	01.7	01.7	01.7	01.,	01.7	0117	01.7	01.7	01.7	01.7	01.7	01,9	61.9
	50000	•	78.9	79.4	79.4	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
	18000		79.0	79.5	79.5	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
	16000		79.1	79.6	79.6	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
	14000		80.2	80.6	80.6	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE	12000	82.5	82.5	83.0	83.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE	10000	86.0	86.0	86.6	86.6	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE	9000	87.0	87.1	87.6	87.6	88.0	88.0	88.0	88.0	0.88	88.0	880	88.0	88.0	88.0	88.0	88.0
GE	8000	88.0	88.1	88.7	88.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GΕ	7000	88.6	88.7	89.4	89.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE	6000	88.9	89.0	89.7	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE	5000	90.2	90.3	91.0	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE	4500	91.7	91.8	92.5	92.5	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE	4000	92.8	92.9	93.5	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE	3500	93.4	93.7	94.3	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE	3000	94.3	94.5	95.2	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE	2500	95.5	95.7	96.3	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE		96.2	96.5	97.2	97.5	98.2	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98,4	98.4
GE		96.3	96.6	97.3	97.6	98.4	98.4	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE		96.8	97.0	97.7	98.2	99.1	99.1	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE		96.8	97.1	97.8	98.3	99.2	99.2	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE	1000	96.8	97.1	97.8	98.3	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE		96.9	97.2	98,0	98.5	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE	,	96.9	97.2	98.0	98.5	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE		96.9	97.2	98.0	98.5	99.6	99.6	99.8	99.8	99.8	99.9		99.9			99.9	99.9
GE		96.9	97.2	98.0	98.5	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE	รถก เ	96.9	97.2	98.0	98.5	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE		96.9	97.2	98.0	98.5	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		96.9	97.2	98.0	98.5	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1	96.9	97.2	98.0	98.5	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	,	96.9	97.2	98.0	98.5	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0		
GE	1001	70.7	71.2	70.0	40.3	77.0	77.0	77.0	77.7	77.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	000	96.9	97.2	98.0	98.5	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	160.0
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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: MAY HOURS: 15-17

				LSI	TO UT	C: + 5					MONT	H: MAY	HOUR	S: 15-1	7		
CE	LING	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •		VISIBIL	ITY IN	STATUTI	MILES	• • • • •	•••••	• • • • • •	• • • • • •	• • • • • •		• • • • •
1	IN	GE	GE	GE	GE	GE	GE	GE	GΕ	GE	GE	GE	GE	GE	GE	GE	G
Fŧ	ET	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	
• • •	•••••		• • • • • • •	• • • • • • •	• • • • • • •		•••••		•••••	• • • • • • •		•••••	• • • • • •	• • • • • •			• • • • •
NO	CEIL	58.0	58.0	58.5	58.5	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.
GE	20000	78.8	78.8	79.4	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.
	18000		78.9	79.5	79.5	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.
	16000		78.9	79.5	79.5	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.
	14000		79.7	80.2	80.2	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.
GE	12000	81.3	81.3	81.8	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.
GE	10000	85.8	85.8	86.3	86.3	86.6	86.6	86.6	86.6	86.6	86.6	86.6	36.6	86.6	86.6	86.6	86.
GE	9000	87.2	87.2	87.7	87.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.
GE	8000	88.2	88.2	88.7	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.
GE	7000	88.5	88.5	89.1	89.1	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.
GE	6000	88.9	88.9	89.6	89.6	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.
GE	50001	89.8	89.9	90.5	90.5	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.
GE		90.6	90.9	91.6	91.6	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.
GE		91.0	91.2	91.9	91.9	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.
GE		92.7	92.9	93.8	93.9	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.
GE	3000		94.3	95.2	95.3	95.8	95.8	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.
-	3000		,4.3	73.2	73.3	73.0	/3.0	,,,,	,,,,	,,,,	,,,,	73.7	73.7	73.7	73.7	73.7	73.
GE	2500	94.4	94.7	95.6	95.7	96.2	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.
GE	2000	95.7	96.1	97.1	97.2	97.8	97.8	97.8	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.
GE	1800	95.8	96.3	97.4	97.5	98.2	98.2	98.3	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.
GE	1500	95.8	96.5	97.5	97.7	98.5	98.5	98.6	98.6	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.
GE	1200	96.2	96.9	98.0	98.2	98.9	98.9	99.0	99.0	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.
GE	1000 l	96.5	97.1	98.2	98.4	99.1	99.1	99.2	99.2	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.
GE		96.5	97.1	98.2	98.4	99.1	99.1	99.2	99.2	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.
GE		96.6	97.2	98.3	98.5	99.2	99.2	99.4	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.
GE		96.6	97.2	98.3	98.5	99.2	99.2	99.4	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.
GE	•	96.6	97.2	98.3	98.5	99.2	99.2	99.5	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.
GE	5001	96.6	97.2	98.3	98.5	99.2	99.2	99.5	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.
GE	,	96.6	97.2	98.3	98.5	99.2	99.2	99.5	99.5	99.5	99.9	100.0		100.0			
GE		96.6	97.2	98.3	98.5	99.2	99.2	99.5	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100. 100.
GE		96.6	97.2	98.3	98.5	99.2	99.2	99.5	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.
GE		96.6	97.2	98.3	98.5	99.2	99.2	99.5	99.5	99.5	99.9	100.0			100.0	100.0	100.
UL.	,551	70.0	,,,,	70.5	70.3	77.6	/7.E	,7.3	77.3	77.3	77.7	100.0	100.0	100.0	100.0	100.0	100.
GE	000	96.6	97.2	98.3	98.5	99.2	99.2	99.5	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.

USAFETAC, ASHEVILLE NC

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88

				LS	TO UT	C: + 5					MONT	H: MAY	HOURS	: 18-20			
CE:		• • • • • •	• • • • • • •	• • • • • • •			VICIBII	ITY IN	STATUTE	MILES		• • • • • •	• • • • • • •	• • • • • • • •	• • • • • •		• • • • • •
	ILING In	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
	EET	7	6	5	4	3	2 1/2	2		1 1/4		3/4	5/8	1/2	3/8	1/4	0
		, , , , , , , , , , , , , , , , , , ,						. .			· · · · · · ·			• • • • • • •			
	• • • • • • •	1															
NO	CEIL	56.3	57.1	57.2	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
		1							24.2								
		79.7	80.5	80.8	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2 81.2	81.2 81.2	81.2	81.2	81.2	81.2 81.2
		79.7	80.5	80.8	81.2 81.2	81.2 81.2	81.2 81.2	81.2 81.2	81.2 81.2	81.2 81.2	81.2 81.2	81.2	81.2	81.2 81.2	81.2 81.2	81.2 81.2	81.2
	14001	79.7	80.5 81.2	80.8 81.4	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
		(81.8	82.7	83.0	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
- GL	12000	1 01.0	02.7	03.0	03.4	03.4	03.4	02.4	43.1				0211			33.7	
GE	10000	86.1	87.0	87.4	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE	9000	87.0	87.8	88.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE		88.7	89.6	90.0	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE		88.7	89.6	90.0	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE	6000	89.0	90.0	90.4	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
٥.	5000	100 7	00. (01.1	01 5	01.4	01.4	01.4	01.4	01.4	01.4	91.6	91.6	91.6	91.6	91.6	91.6
GE GE		89.7	90.6 91.8	91.1 92.3	91.5 92.7	91.6 92.8	91.6 92.8	91.6 92.8	91.6 92.8	91.6 92.8	91.6 92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE		90.8	92.3	92.7	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE		92.6	94.1	94.6	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE		93.8	95.4	96.0	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
	3000	, ,,,,		,,,,													
GE	2500	94.6	96.2	97.1	97.6	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE	2000	95.4	97.0	98.0	98.5	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE	1800	95.7	97.3	98.3	98.9	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE		95.8	97.4	98.5	99.1	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE	1200	96.1	97.7	98.8	99.5	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
c.	1000	1 04 1	07.7	00.0	99.5	99.9	99.9	99.9	99.9	99,9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE GE		96.1	97.7 97.7	98.8 98.8	99.5	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		96.1	97.7	98.8	99.5	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		96.1	97.7	98.8	99.5	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		96.1	97.7	98.8	99.5	99.9	99.9	99.9	99.9	99.9		100.0	100.0	100.0	100.0	100.0	100.0
		ì															
GE	500	96.1	97.7	98.8	99.5	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0		100.0	100.0	100.0
GE		96.1	97.7	98.8	99.5	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0		100.0	100.0	100.0
GE		96.1	97.7	98.8	99.5	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0		100.0	100.0
GE		96.1	97.7	98.8	99.5	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	100	96.1	97.7	98.8	99.5	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	000	/ 1 96.1	97.7	98.8	99.5	99.9	99.9	99.9	99.9	00 0	100.0	100.0	100 0	100.0	100 0	100 0	100.0
UE	000	70.1	71.1	70.0	77.3	77.7	77.7	77.7	77.7	77.7		100.0					,,,,,
																	

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: MAY HOURS: 21-23

			LS	T TO UT	C: + 5					MONT	H: MAY	HOURS	S: 21-23	5		
	• • • • • • •	• • • • • • •				• • • • • • •					• • • • • •	• • • • • •	• • • • • • •	• • • • • •		
CEILING									TE MILES							
IN	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	7	6	5	4	3	2 1/2	2	1 1/2	2 1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •		• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •		
	1,71		(7.3	(7 (. . .	47 /	47 /	47 /	47 /	47 (47 (47 /	47 ((7 /	47 (47 /
NO CEIL	67.1	67.1	67.2	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
~= 2000	0 0 0	07.0	07.0	07 /	07 /	07 /	87.4	87.4	87.4	87.4	87.4	97 /	07 /	87.4	87.4	07 /
	86.8	87.0	87.2	87.4	87.4 87.4	87.4 87.4	87.4	87.4	87.4	87.4	87.4	87.4 87.4	87.4 87.4	87.4	87.4	87.4 87.4
	0 86.8	87.0	87.2	87.4		87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4 87.4	87.4	87.4	87.4
_	0 86.8	87.0	87.2	87.4	87.4											
	0 87.1	87.3	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 1200	0 87.6	88.0	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
or 1000	01 00 7	00.0	00.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
	0 89.7	90.0	90.2			91.3	91.3				91.3	91.3	91.3	91.3	91.3	91.3
	0 90.4	90.8	91.1	91.3	91.3			91.3	91.3	91.3						93.3
	0 92.5	92.8	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	
	0 92.6	92.9	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 600	0 93.4	93.8	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
CE E00	01 07 0	0/ 3	0/ 5	0/ 7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
	0 93.9 0 95.2	94.2 95.5	94.5 95.8	94.7 96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
	- 1				96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.0
	0) 95.5	95.8	96.1	96.3								97.1		97.1	97.1	
	0 96.1	96.5	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1		97.1			97.1
GE 300	0 97.0	97.3	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 250	0 97.7	98.1	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
	0 98.4	98.7	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
	01 98.4	98.7	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
	01 98.5	98.8	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
	01 98.5	98.8	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
QE 120	V 70.5	90.6	77.1	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	,,,,	77.7
GE 100	0 98.5	98.8	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
	0 98.5	98.8	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
	01 98.5	98.8	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
	0 98.6	98.9	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	0 98.6	98.9	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GL OC	1	70.7	77.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 50	0 98.6	98.9	99.8	100.0	100.0	100.0	100 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	0) 98.6	98.9	99.8	100.0	100.0	100.0				100.0	100.0	100.0	100.0	100.0	100.0	100.0
	01 98.6	98.9	99.8	100.0	100.0	100.0				100.0	100.0	100.0	100.0	100.0	100.0	100.0
	0 98.6	98.9	99.8	100.0	100.0				100.0			100.0	100.0	100.0	100.0	100.0
	01 98.6	98.9	99.8	100.0	100.0				100.0					100.0	100.0	100.0
JE 10	1	70.7	77.0	100.0	100.0	.00.0	.00.0	,00.0	.00.0	.00.0	,00.0	,00.0	,,,,,	.00.0	.00.0	.00.0
GE 00	0 98.6	98.9	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 50	J , , J . J	,,,,														

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5 MONTH: MAY HOURS: ALL

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CE	ILING	•••••		• • • • • • •	• • • • • • •	• • • • • •			STATUTE			•••••	•••••	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •
	IN	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
	EET	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4		3/4	5/8	1/2	3/8	1/4	0
						- 									-, -		
		1													• • • • • •		
NO	CEIL	62.6	63.1	63.8	64.1	64.4	64.4	64.4	4.5	64.5	64.5	64.5	64.5	64.6	64.6	64.6	64.6
G E	20000	 ! 70 0	80.4	81.3	81.6	82.0	82.0	82.0	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2
	18000	•	80.5	81.3	81.7	82.0	82.0	82.1	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2
	16000	•	80.6	81.4	81.8	82.2	82.2	82.2	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3
	14000		81.2	82.0	82.4	82.8	82.8	82.8	82.9	82.9	82.9	82.9	82.9	83.0	83.0	83.0	83.0
	12000	•	82.8	83.7	84.1	84.5	84.5	84.5	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7
-	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1	02.0	05.1	•,.,	04.5	05	0113	01.0	• • • • •	04	0	54.7	04	04.1	04.1	04.7
GE	10000	85.7	86.3	87.2	87.6	88.0	88.0	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE		86.7	87.2	88.2	88.7	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE		87.9	88.5	89.4	89.9	90.3	90.3	90.4	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE	7000	88.3	89.0	89.9	90.4	90.8	90.8	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE	6000	88.7	89.3	90.3	90.7	91.2	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.4	91.4	91.4	91.4
	Ì	ĺ														-	
GE	5000	89.7	90.3	91.3	91.7	92.2	92.2	92.3	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GΞ	4500	90.9	91.6	92.6	93.0	93.5	93.5	93.6	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE	40uû	21.7	92.4	93.4	93.9	94.4	94.5	94.5	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE	3500	92.6	93.4	94.5	95.0	95.5	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE	3000	93.4	94.2	95.3	95.8	96.4	96.4	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.5	96.6
	i																
GE	250	93.9	94.8	96.0	96.5	97.1	97.1	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE	2000	94.7	95.6	96.9	97.4	98.1	98.1	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE	1800	94.9	95.8	97.1	97.7	98.3	98.4	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE	1500	95.1	96.1	97.4	98.1	98.8	98.8	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE	1200	95.3	96.4	97.7	98.3	99.0	99.0	99.1	99.2	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4
GE	1000	95.4	96.4	97.7	98.4	99.1	99.1	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE		95.5	96.5	97.8	98.5	99.2	99.2	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE		95.5	96.5	97.9	98.5	99.3	99.3	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE	1	95.6	96.6	98.0	98.7	99.4	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE		95.7	96.7	98.1	98.7	99.5	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
-	1	, , , , ,	,,,,	,	, ,		,,,,	,,,,	,,,,	,,,,	,,	,,,,	,,,,	,,	,,	77.0	77.0
GE	500 j	95.7	96.7	98.1	98.7	99.5	99.5	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE		95.7	96.7	98.1	98.8	99.5	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE	•	95.7	96.7	98.1	98.8	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE	•	95.7	96.7	98.1	98.8	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE	100	95.7	96.7	98.1	98.8	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	160.0
GE	0001	95.7	96.7	98.1	98.8	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100 0	100.0
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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: JUN HOURS: 00-02

				LO	1 10 01	U. + J					MUNI	n. Jun	nouk.	3. 00-0	-		
CEI	CEILING VISIBILITY IN STATUTE MILES																
	N I	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
	ET	7	6	5	4	3	2 1/2			1 1/4		3/4	5/8	1/2	3/8	1/4	0
, ,		,	U	,	-	_	2 1/2		1 1/2	1 1/4	, ,	3/4	5,0	1/2	3,0	174	· ·
		 I			• • • • • • •		• • • • • • •					• • • • • •	•••••	• • • • • • •		• • • • • • •	
NO	CEIL	62.9	63.8	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE	20000	84.9	85.8	86.3	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
ĠΕ	18000	85.0	85.9	86.4	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE	16000	85.2	86.1	86.7	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE	14000	85.7	86.6	87.1	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
	12000		88.1	88.7	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE	10000	90.0	90.9	91.4	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE	9000	92.1	93.0	93.6	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GΕ	8000 i	92.9	93.8	94.3	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE	7000 Ì	93.1	94.0	94.6	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE	,	93.6	94.4	95.0	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	ى. 95
						,							,,,,,	,,,,	, , , ,	,,,,	
GE	5000	94.3	95.3	96.0	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE	4500	94.8	95.8	96.6	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE	4000	95.0	96.1	96.9	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE	3500 i	95.3	96.4	97.2	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE	•	95.6	96.7	97.4	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE	2500	96.1	97.2	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE	2000	96.7	97.9	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE	1800	96.7	97.9	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE	1500	96.8	98.0	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE		96.8	98.0	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
•																	
GE	1000	96.8	98.0	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GΕ	900	96.8	98.0	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE	800 i	96.8	98.0	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE	,	96.8	98.0	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE		96.8	98.0	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
-	1	,010	70.0	,,,,					.,,,,	,,,,,	,,,,,				,,,,,		
GE	500	96.9	98.1	99.1	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE	400	96.9	98.1	99.1	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE	300	97.0	98.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		97.0	98.3	99.3	100.0	100.0	100.C	'20.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	,	97.0	98.3	99.3	100.0	100.0	100	100.0		100.0		100.0	100.0	100.0	100.0	100.0	100.0
	1																
GE	000 i	97.0	98.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
																	

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5 MONTH: JUN HOURS: 03-05

	EST TO OTC: 4.3																
CE	ILING	• • • • • • •	•••••	• • • • • • •	• • • • • •	•••••			STATUTE		• • • • • •	• • • • • • •	• • • • • •		• • • • • • •	•••••	• • • • • •
	IN	l GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	G€	GE	GE	GE	GE	GE
	EET	7	6	5	4	3	2 1/2	2	1 1/2			3/4	5/8	1/2	3/8	1/4	0
	·										• • • • • •						
		!															
NO	CEIL	64.3	65.3	67.3	68.3	69.3	69.3	69.6	69.8	69.8	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE	20000	79.6	80.8	83.3	84.8	85.9	85.9	86.2	86.4	86.4	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE	18000	79.6	80.8	83.3	84.8	85.9	85.9	86.2	86.4	86.4	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE	16000	79.9	81.1	83.7	85.1	86.2	86.2	86.6	86.8	86.8	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE	14000	80.6	81.8	84.3	85.8	86.9	86.9	87.2	87.4	87.4	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE	12000	81.7	82.9	85.4	87.0	88.1	88.1	88.4	88.7	88.7	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE	10000	 84.8	86.0	88.6	90.1	91.2	91.2	91.6	91.8	91.8	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE		86.2	87.7	90.2	91.8	92.9	92.9	93.2	93.4	93.4	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE		87.1	88.6	91.1	92.7	93.8	93.8	94.1	94.3	94.3	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE		87.4	88.9	91.4	93.0	94.1	94.1	94.4	94.7	94.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE		87.4	88.9	91.4	93.0	94.1	94.1	94.4	94.7	94.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1
Ü.	5000	1	55.7	71.4	,3.0	74.1	74.1	/4.4	/4.1	77.1	73.1	73.1	73.1	73.1	73.1	¥3.1	93.1
GE	5000	88.1	89.6	92.1	93.7	94.8	94.8	95.1	95.3	95.3	95.8	95.8	9.8	95.8	95.8	95.8	95.8
GE	4500	88.6	90.0	92.6	94.1	95.2	95.2	95.6	95.8	95.8	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE	4000	88.7	90.1	92.7	94.2	95.3	95.3	95.7	95.9	95.9	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE	3500	88.9	90.3	92.9	94.4	95.6	95.6	95.9	96.1	96.1	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE	3000	89.1	90.7	93.2	94.8	95.9	95.9	96.2	96.4	96.4	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE	2500	89.6	91.1	93.9	95.6	96.7	96.7	97.0	97.2	97.2	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE		90.2	91.8	94.6	96.2	97.3	97.3	97.7	97.9	97.9	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE		90.3	91.9	94.8	96.4	97.6	97.6	97.9	98.1	98.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE		90.3	91.9	94.8	96.4	97.6	97.6	97.9	98.1	98.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE	,	90.3	91.9	94.8	96.8	97.9	97.9	98.2	98.4	98.4	98.9	98.9	98.9	98.9	98.9	98.9	98.9
-		70.3	,,,,	74.0	70.0	,,,,	,,,,	70.2	70.4	70.4	70.7	70.7	70.7	70.7	70.7	70.7	70.7
GE		90.3	91.9	94.8	96.8	97.9	97.9	98.2	98.4	98.4	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE		90.6	92.1	95.0	97.0	98.2	98.2	98.6	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GΕ		90.6	92.1	95.0	97.0	98.2	98.2	98.6	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE		90.8	92.3	95.2	97.2	98.4	98.4	98.8	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE	600	91.0	92.6	95.4	97.4	98.7	98.7	99.0	99.2	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE	500 l	91.1	92.7	95.6	97.6	98.8	98.8	99.1	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE		91.2	92.8	95.7	97.7	98.9	98,9	99.2	99.4	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE		91.2	92.8	95.7	97.7	98.9	98.9	99.3	99.6		100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		91.2	92.8	95.7	97.7	98.9	98.9	99.3	99.6		100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	- '	91.2	92.8	95.7	97.7	98.9	98.9	99.3	99.6		100.0	100.0	100.0	100.0	100.0	100.0	100.0
-		, , ,		,,,,	,,,,,	,,,,	,,,,		,,	. ,	.50.5	.00.0	,00.0	.00.0	.00.0	.00.0	,00.0
GE	000	91.2	92.8	95.7	97.7	98.9	98.9	99.3	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	•••••		• • • • • • •				• • • • • • •			• • • • • •	• • • • • •						

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY F. PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: JUN HOURS: 06-08

				LST	TO UT	: + 5					MONT	H: JUN	HOURS	: 06-08			
CE I	LING	• • • • • •	•••••		• • • • • • •	• • • • • • •	VISIRII	ITY IN	STATUTE	MILES	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	•••••	• • • • • •
	N I	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
	ET	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
											· · · · · ·						
• • • •		}					••••										
NO	CEIL	53.8	55.6	56.7	57.3	58.4	58.6	58.9	58.9	58.9	59.1	59.2	59.2	59.2	59.2	59.3	59.3
									~~ ^	77 0		70 /	70.	70 /	70 (70.7	70.0
	20000		73.3	75.0	76.0	77.3	77.4	77.9	77.9	77.9	78.4	78.6	78.6	78.6	78.6	78.7	78.9
_	18000	•	73.3	75.0	76.0	77.3	77.4	77.9	77.9	77.9	78.4	78.6	78.6	78.6	78.6	78.7	78.9
	16000		74.0	75.7	76.7	78.0	78.1	78.6	78.6	78.6	79.1	79.2	79.2	79.2	79.2	79.3	79.6
	14000		74.7	76.3	77.3	78.7	78.8	79.2	79.2	79.2	79.8	79.9	79.9	79.9	79.9	80.0	80.2
GE	12000	75.7	79.0	80.7	81.7	83.0	83.1	83.6	83.6	83.6	84.1	84.2	84.2	84.2	84.2	84.3	84.6
GE	10000	79.6	82.9	84.7	85.7	87.1	87.2	87.7	87.7	87.7	88.2	88.3	88.3	88.3	88.3	88.4	88.7
GE		81.2	84.7	86.4	87.4	88.9	89.0	89.4	89.4	89.4	90.0	90.1	90.1	90.1	90.1	90.2	90.4
GE		82.3	85.8	87.6	88.6	90.0	90.1	90.6	90.6	90.6	91.1	91.2	91.2	91.2	91.2	91.3	91.6
GE		83.1	86.6	88.4	89.4	90.9	91.0	91.4	91.4	91.4	92.0	92.1	92.1	92.1	92.1	92.2	92.4
GE	•	83.4	86.9	88.8	89.8	91.2	91.3	91.8	91.8	91.8	92.3	92.4	92.4	92.4	92.4	92.6	92.8
ů.	0000	03.4	00.7	90.0	07.0	,,,_	71.3	,,,,	,,,,	,,,,	,	,,,,	72.4	,_,	,	,,,,	/=
GE	5000	84.2	87.7	89.7	90.7	92.1	92.2	92.7	92.7	92.7	`.2	93.3	93.3	93.3	93.3	93.4	93.7
GE	4500	84.6	88.0	90.0	91.0	92.4	92.6	93.0	93.0	93.0	.6	93.7	93.7	93.7	93.7	93.8	94.0
GE	4000	85.1	88.6	90.6	91.7	93.1	93.2	93.7	93.7	93.7	94.2	94.3	94.3	94.3	94.3	94.4	94.7
GE	3500 i	85.7	89.2	91.3	92.4	93.9	94.0	94.4	94.4	94.4	95.0	95.1	95.1	95.1	95.1	95.2	95.4
GE	•	85.8	89.4	91.6	92.7	94.1	94.2	94.7	94.7	94.7	95.2	95.3	95.3	95.3	95.3	95.4	95.7
GE	2500	85.9	89.6	91.7	92.9	94.4	94.6	95.1	95.1	95.1	95.7	95.8	95.8	95.8	95.8	95.9	96.1
GE	2000 j	86.2	89.9	92.1	93.4	95.0	95.1	95.7	95.7	95.7	96.2	96.3	96.3	96.3	96.3	96.4	96.7
GE	1800	86.2	89.9	92.2	93.6	95.1	95.2	95.8	95.8	95.8	96.3	96.4	96.4	96.4	96.4	96.6	96.8
GE	1500	86.6	90.2	92.6	93.9	95.4	95.6	96.1	96.2	96.2	96.8	96.9	96.9	96.9	96.9	97.0	97.2
GE	1200	86.6	90.2	92.6	93.9	95.6	95.7	96.3	96.4	96.4	97.0	97.1	97.1	97.1	97.1	97.2	97.4
	ĺ																
GE		86.6	90.2	92.6	93.9	95.6	95.7	96.3	96.4	96.4	97.0	97.1	97.1	97.1	97.1	97.2	97.4
GE	900)	86.7	90.3	92.7	94.0	95.7	95.8	96.4	96.6	96.6	97.1	97.2	97.2	97.2	97.2	97.3	97.6
GE	800	87.1	90.8	93.2	94.6	96.2	96.3	97.0	97.1	97.1	97.7	97.8	97.8	97.8	97.8	97.9	98.1
GE	700	87.2	91.0	93.4	94.8	96.4	96.6	97.2	97.3	97.3	97.9	98.0	98.0	98. 0	98.0	98.1	98.3
GE	600	87.4	91.2	93.7	95.0	96.7	96.8	97.4	97.6	97.6	98.1	98.2	98.2	98.2	98.2	98.3	98.6
	500				or /	07.4	o z o	07.0	00.0	00.0	00 (00.7	00.7	00.7	00.7	00.0	00.0
GE	,	87.9	91.7	94.1	95.4	97.1	97.2	97.9	98.0	98.0	98.6	98.7	98.7	98.7	98.7	98.8	99.0
GE		87.9	91.8	94.2	95.6	97.4	97.6	98.2	98.3	98.3	98.9	99.0	99.0	99.0	99.0	99.1	99.3
GE		88.0	91.9	94.4	95.8	97.9	98.0	98.7	98.8	98.8	99.3	99.6	99.6	99.6	99.6	99.7	99.9
GE		88.0	91.9	94.4	95.8	97.9	98.0	98.7	98.8	98.8	99.3	99.6	99.6	99.6	99.6	99.7	99.9
GE	100	88.0	91.9	94.4	95.8	97.9	98.0	98.7	98.8	98.8	99.3	99.6	99.6	99.6	99.6	99.8	100.0
GE	0001	88.0	91.9	94.4	95.8	97.9	98.0	98.7	98.8	98.8	99.3	99.6	99.6	99.6	99.6	99.8	100.0
GE.	000	30.0	71.7	74.4	77.0	71.7	70.0	70.1	70.0						*****		
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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: +5 PERIOD OF RECORD: NOV 78 - OCT 88

				LSI	10 01	U: + >					MUNI	1: JUN	nouks	: 09-11			
CEI	CEILING VISIBILITY IN STATUTE MILES																
	N I	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
	ET	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	. 1	3/4	5/8	1/2	3/8	1/4	0
											• • • • • •		• • • • • •				• • • • • •
	05	[F1 /	E2 2	E2 /	62 /	52 /	E2 /	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
NO	CEIF	51.1	51.6	52.2	52.4	52.4	52.4	52.4	36.4	32.4	32.4	36.4	32.4	22.4	32.4	34.4	32.4
GE	20000	73.2	74.1	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GΕ	18000	73.2	74.1	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE	16000	73.6	74.4	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE	14000	75.6	76.4	77.2	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE	12000	80.0	80.9	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE	10000	84.7	85.8	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE		86.8	88.0	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE		88.2	89.4	90.3	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE		88.8	90.0	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE	,	88.9	90.1	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GC	0000	00.7	,0.1	,,,,	/1.2	,	,,,,	,,,,	, .	/ I . L	/ · · •	,,,,	, · · · · ·	,,,,	,,,_	, · · · E	,,,,
GE	5000	89.6	90.8	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GΕ	4500	91.0	92.2	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE	4000	91.2	92.4	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE	3500	91.8	93.0	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE		92.6	93.8	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
C.E.	2500	92.6	94.0	95.0	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE					97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE		94.9	96.4	97.4													98.7
GE		95.6	97.1	98.1	98.6	98.7 99.0	98.7	98.7 99.0	98.7	98.7	98.7	98.7 99.0	98.7 99.0	98.7	98.7 99.0	98.7	99.0
GE		95.7	97.3	98.4	98.9	99.0	99.0 99.3		99.0	99.0	99.0 99.3			99.0		99.0	99.0
GE	12001	96.0	97.7	98.8	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE	1000	96.0	97.7	98.8	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE	900	96.1	97.8	98.9	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE	800	96.1	97.8	98.9	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE	700	96.1	97.8	98.9	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE	600	96.2	97.9	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE	5001	96.3	98.0	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE	1	96.3	98.0	99.3	99.8	100.0					100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		96.3	98.0	99.3	99.8	100.0		100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
					99.8	100.0	100.0	100.0			100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		96.3	98.0	99.3													
GE	1001	96.3	98.0	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	000	96.3	98. 0	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: JUN HOURS: 12-14

			LST	TO UT	C: + 5					MONT	H: JUN	HOURS	3: 12-14	•		
CEILING	•••••	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	VISIBII	ITY I	N STATUT	E MILES	 S		•••••	• • • • • •			• • • • •
IN	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
		• • • • • •	• • • • • •		• • • • • •	• • • • • • •	• • • • •		• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •		• • • • • •	• • • • • •
NO CEIL	49.6	49.9	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
NO CETE	1 47.0	47.7	50.1	30.1	50.1	,,,,	50.1	JU. 1	,,,,	50.1	30.1	30.1	50.1	30.1	30.1	30.1
GE 20000	73.7	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 18000	73.7	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 16000	73.8	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 14000	74.1	74.4	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 12000	78.6	78.9	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 10000	1 07 0	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
	86.2	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
	1 87.2	88.0	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
	87.4	88.2	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
	87.7	88.4	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
)					••••										
GE 5000	89.6	90.3	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 4500	90.6	91.3	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 4000	90.9	91.8	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
	91.6	92.4	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 3000	93.0	94.0	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 2500	 94.2	95.6	96.1	96.3	96.4	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
	96.9	98.3	98.9	99.1	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
	97.2	98.7	99.2	99.4	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
	97.3	98.8	99.3	99.6	99.7	99.7	99.8		99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
	97.3	98.8	99.3	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
	Ì															
	97.3	98.8	99.3	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
	97.3	98.8	99.3	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
	97.3	98.8	99.3	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
	97.3	98.8	99.3	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	97.3	98.8	99.3	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	97.3	98.8	99.3	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	97.3	98.8	99.3	99.6	99.8	99.8	99.9	100.0			100.0	100.0	100.0	100.0	100.0	100.0
GE 300	97.3	98.8	99.3	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	97.3	98.8	99.3	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	97.3	98.8	99.3	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	97.3	98.8	99.3	996	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5 PERIOD OF RECORD: NOV 78 - OCT 88

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	ILING					0.0			STATUTE								
	IN	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
F	EET	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
• • •			• • • • • •	• • • • • • •		• • • • •		• • • • •	• • • • • • •	• • • • • •		• • • • • •	• • • • •	• • • • • •	• • • • • •		
		1															
NO	CEIL	45.2	45.2	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
		Ì															
GE	20000	i 71.2	71.4	72.4	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE	18000	71.2	71.4	72.4	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
	16000	•	71.6	72.6	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
	14000		72.6	73.6	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
	12000	•	77.3	78.3	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8					
GE	12000	! ""."	11.3	10.5	10.1	70.0	70.0	70.0	10.0	70.0	10.0	10.0	78.8	78.8	78.8	78.8	78.8
~-	****	1												.			
	10000	1	84.4	85.7	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE		86.1	86.4	87.8	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GΕ		88.1	88.4	89.8	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE	7000	88.2	88.6	89.9	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE	6000	88.6	88.9	90.2	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
		Ì															
GE	5000	90.2	90.6	92.1	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE		91.3	91.7	93.2	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE		91.8	92.1	93.8	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE		92.8	93.1	94.9	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4					
													95.4	95.4	95.4	95.4	95.4
GE	2000	93.9	94.2	96.1	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
		!															
GE		94.8	95.1	97.2	97.7	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE	2000	95.2	95.6	97.7	98.3	98.9	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3
GE	1800	95.3	95.7	97.8	98.4	99.0	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4
GΕ	1500	95.8	96.1	98.2	98.9	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GΕ	1200	95.9	96.2	98.3	99.0	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
		i															,,,,,,
GE	1000 أ	95.9	96.2	98.3	99.0	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE		95.9	96.2	98.3	99.0	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE		95.9	96.2	98.3	99.0	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9				
									_					100.0	100.0	100.0	100.0
GE		95.9	96.2	98.3	99.0	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE	600	95.9	96.2	98.3	99.0	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
	į, į																
GE	,	95.9	96.2	98.3	99.0	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE	400	95.9	96.2	98.3	99.0	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE	300	95.9	96.2	98.3	99.0	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE	200 i	95.9	96.2	98.3	99.0	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE	,	95.9	96.2	98.3	99.0	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
	1	, 					,,,,,	• •				,,,,	,,.,	.00.0	.00.0	.00.0	.00.0
GE	000	95.9	96.2	98.3	99.0	99.6	99.7	99.9	99.9	99.9	99.9	99.9	00.0	100.0	100.0	100.0	100.0
ĢE	0001	73.7	70.2	70.3	77.0	77.0	77.1	77.7	77.7	77.7	77.7	77.7	77.7	100.0	100.0	100.0	100.0
• • •	• • • • • •	• • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • •	• • • • • •	• • • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5 MONTH: JUN HOURS: 18-20

CEILING GE GE GE GE GE GE GE		LST TO UTC: + 5 MONTH: JUN HOURS: 18-20																
FEET 7	CEI	LING					•••••	VISIBIL	ITY IN	STATUT	 E MILES	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •
NO CEIL 39.0 39.0 39.6 39.7 39.7 39.7 39.7 39.7 39.7 39.7 39.7	1	N	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
GE 20000 73.7 73.8 74.8 75.4	FE	ET	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
GE 20000 73.7 73.8 74.8 75.4										• • • • • • •						• • • • • •	 .	• • • • •
GE 20000 73.7 73.8 74.8 75.4			!					~~ -										
GE 18000 73.7 73.8 74.8 75.4 <th< td=""><td>NO</td><td>CEIL</td><td>39.0</td><td>39.0</td><td>39.6</td><td>39.7</td><td>39.7</td><td>39.7</td><td>39.7</td><td>39.7</td><td>39.7</td><td>39.7</td><td>39.7</td><td>39.7</td><td>39.7</td><td>39.7</td><td>39.7</td><td>39.7</td></th<>	NO	CEIL	39.0	39.0	39.6	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
GE 18000 73.7 73.8 74.8 75.4 <th< td=""><td></td><td>20000</td><td> </td><td>77 0</td><td>7/ 0</td><td>7E /</td><td>7E /</td><td>7E /</td><td>7E /</td><td>76 /</td><td>7E /</td><td>7E /</td><td>7E /</td><td>75 /</td><td>7= /</td><td>7C /</td><td>76 /</td><td>75 /</td></th<>		20000		77 0	7/ 0	7 E /	7E /	7E /	7 E /	76 /	7 E /	7 E /	7 E /	7 5 /	7 = /	7 C /	76 /	75 /
GE 10000 73.7 73.8 74.8 75.4			•															
GE 14000 78.8 79.9 75.9 76.6 76.6 76.6 76.6 76.6 76.6 76.6 76			•															
GE 10000 78.9 79.0 80.2 80.9 80.0																		
GE 10000 85.0 85.2 86.4 87.1 87.1 87.1 87.1 87.1 87.1 87.1 87.1																		
GE 8000 89.4 89.9 91.1 91.9 91.9 91.9 91.9 91.9 91.9	-		l 1017		55.2		0017			00.7	00.7	00.,	00.7	00.,	00.7	00.,	00.7	00.7
GE 9000 86.9 87.1 88.3 89.0	GE	10000	85.0	85.2	86.4	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 7000 89.6 90.1 91.4 92.2 92.2 92.2 92.2 92.2 92.2 92.2 92			•														89.0	
GE 5000 91.2 91.8 93.1 94.0 94.0 94.0 94.0 94.0 94.0 94.0 94.0	GE	8000	89.4	89.9	91.1	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 5000 91.2 91.8 93.1 94.0 94.0 94.0 94.0 94.0 94.0 94.0 94.0	GE	7000	89.6	90.1	91.4	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 4500 91.7 92.4 94.0 95.0	GE	6000	89.9	90.4	91.8	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 4500 91.7 92.4 94.0 95.0																		
GE 4000 92.0 92.9 94.4 95.6 96.8																		
GE 3500 92.3 93.2 94.8 95.9 95.9 95.9 95.9 95.9 95.9 95.9 95			,															
GE 3000 93.0 93.9 95.6 96.7 96.8		- 1	-				-											
GE 2500 93.6 94.4 96.1 97.2 97.3 97.3 97.4 97.4 97.4 97.4 97.4 97.4 97.4 97.4																		
GE 2000 94.2 95.1 97.0 98.2 98.3 98.3 98.4 98.4 98.4 98.6	GE	3000	93.0	93.9	95.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 2000 94.2 95.1 97.0 98.2 98.3 98.3 98.4 98.4 98.4 98.6	c.r	2500	07.4	0/ /	04 1	07.3	07.7	07.7	07 /	07 /	07 /	07 /	07 (07./	07 /	07 /	07 /	07 /
GE 1800 94.8 95.7 97.6 98.9 99.0 99.1 99.1 99.1 99.1 99.2																		
GE 1500 94.8 95.7 97.6 98.9 99.0 99.1 99.3 99.3 99.4 99.6 99.6 99.6 99.6 99.6 99.6 99.6																		
GE 1200 94.9 95.8 97.7 99.0 99.1 99.2 99.4 99.4 99.6 99.7 99.8 99.8 99.8 99.9																		
GE 1000 94.9 95.8 97.7 99.0 99.1 99.2 99.4 99.4 99.4 99.6 99.7 99.8 99.8 99.8 99.8 99.9																		
GE 900 95.0 95.9 97.8 99.1 99.2 99.3 99.6 99.6 99.6 99.7 99.8 99.8 99.9		.200	}	,,,,		,,,,	,,	,,	,,,,	,,,,	,,,,	,,,,	,,,,,	,,,,,		,,,,		
GE 900 95.0 95.9 97.8 99.1 99.2 99.3 99.6 99.6 99.6 99.7 99.8 99.8 99.9	GE	1000	94.9	95.8	97.7	99.0	99.1	99.2	99.4	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 700 95.0 95.9 97.8 99.1 99.2 99.3 99.6 99.6 99.6 99.7 99.8 99.8 100.0 100.0 100.0 100.0 100.0 GE 300 95.0 95.9 97.8 99.1 99.2 99.3 99.6 99.6 99.6 99.7 99.8 99.8 100.0 100.0 100.0 100.0 100.0 GE 200 95.0 95.9 97.8 99.1 99.2 99.3 99.6 99.6 99.6 99.7 99.8 99.8 100.0 100.0 100.0 100.0 GE 200 95.0 95.9 97.8 99.1 99.2 99.3 99.6 99.6 99.6 99.7 99.8 99.8 100.0 100.0 100.0 100.0 GE 200 95.0 95.9 97.8 99.1 99.2 99.3 99.6 99.6 99.6 99.7 99.8 99.8 100.0 100.0 100.0 100.0 GE 200 95.0 95.9 97.8 99.1 99.2 99.3 99.6 99.6 99.6 99.7 99.8 99.8 100.0 100.0 100.0 100.0 GE 200 95.0 95.9 97.8 99.1 99.2 99.3 99.6 99.6 99.6 99.7 99.8 99.8 100.0 100.0 100.0 100.0 GE 200 95.0 95.9 97.8 99.1 99.2 99.3 99.6 99.6 99.6 99.7 99.8 99.8 100.0 100.0 100.0 100.0 GE 200 95.0 95.9 97.8 99.1 99.2 99.3 99.6 99.6 99.6 99.7 99.8 99.8 100.0 100.0 100.0 100.0 GE 200 95.0 95.9 97.8 99.1 99.2 99.3 99.6 99.6 99.6 99.7 99.8 99.8 100.0 100.0 100.0 100.0 100.0 GE 200 95.0 95.9 97.8 99.1 99.2 99.3 99.6 99.6 99.6 99.7 99.8 99.8 100.0 100.0 100.0 100.0 100.0 GE 200 95.0 95.9 97.8 99.1 99.2 99.3 99.6 99.6 99.6 99.6 99.7 99.8 99.8 100.0 100.0 100.0 100.0 100.0 GE 200 95.0 95.9 97.8 99.1 99.2 99.3 99.6 99.6 99.6 99.6 99.7 99.8 99.8 100.0 100.0 100.0 100.0 100.0 GE 200 95.0 95.9 97.8 99.1 99.2 99.3 99.6 99.6 99.6 99.6 99.7 99.8 99.8 100.0 100.0 100.0 100.0 100.0 GE 200 95.0 95.9 97.8 99.1 99.2 99.3 99.6 99.6 99.6 99.6 99.7 99.8 99.8 100.0 100.0 100.0 100.0 100.0 GE 200 95.0 95.9 97.8 99.1 99.2 99.3 99.6 99.6 99.6 99.6 99.7 99.8 99.8 100.0 1	GE	900	95.0	95.9	97.8	99.1	99.2	99.3	99.6	99.6	99.6	99.7		99.8	99.9	99.9	99.9	99.9
GE 600 95.0 95.9 97.8 99.1 99.2 99.3 99.6 99.6 99.6 99.7 99.8 99.8 100.0 100.0 100.0 100.0 100.0 GE 200 95.0 95.9 97.8 99.1 99.2 99.3 99.6 99.6 99.6 99.6 99.7 99.8 99.8 100.0 100.0 100.0 100.0 100.0 GE 200 95.0 95.9 97.8 99.1 99.2 99.3 99.6 99.6 99.6 99.7 99.8 99.8 100.0 100.0 100.0 100.0 GE 200 95.0 95.9 97.8 99.1 99.2 99.3 99.6 99.6 99.6 99.7 99.8 99.8 100.0 100.0 100.0 100.0 GE 200 95.0 95.9 97.8 99.1 99.2 99.3 99.6 99.6 99.6 99.7 99.8 99.8 100.0 100.0 100.0 100.0 GE 200 95.0 95.9 97.8 99.1 99.2 99.3 99.6 99.6 99.6 99.7 99.8 99.8 100.0 100.0 100.0 100.0 GE 200 95.0 95.9 97.8 99.1 99.2 99.3 99.6 99.6 99.6 99.7 99.8 99.8 100.0 100.0 100.0 100.0 GE 200 95.0 95.9 97.8 99.1 99.2 99.3 99.6 99.6 99.6 99.7 99.8 99.8 100.0 100.0 100.0 100.0 GE 200 95.0 95.9 97.8 99.1 99.2 99.3 99.6 99.6 99.6 99.7 99.8 99.8 100.0 100.0 100.0 100.0 100.0 GE 200 95.0 95.9 97.8 99.1 99.2 99.3 99.6 99.6 99.6 99.7 99.8 99.8 100.0 100	GΕ	800	95.0	95.9	97.8	99.1	99.2	99.3	99.6	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9
GE 500 95.0 95.9 97.8 99.1 99.2 99.3 99.6 99.6 99.6 99.7 99.8 99.8 100.0 100.0 100.0 100.0 GE 400 95.0 95.9 97.8 99.1 99.2 99.3 99.6 99.6 99.6 99.7 99.8 99.8 100.0 100.0 100.0 100.0 GE 200 95.0 95.9 97.8 99.1 99.2 99.3 99.6 99.6 99.6 99.7 99.8 99.8 100.0 100.0 100.0 100.0 GE 200 95.0 95.9 97.8 99.1 99.2 99.3 99.6 99.6 99.6 99.7 99.8 99.8 100.0 100.0 100.0 100.0 GE 100 95.0 95.9 97.8 99.1 99.2 99.3 99.6 99.6 99.6 99.7 99.8 99.8 100.0 100.0 100.0 100.0 GE 100 95.0 95.9 97.8 99.1 99.2 99.3 99.6 99.6 99.6 99.7 99.8 99.8 100.0 100.0 100.0 100.0 100.0 GE 100 95.0 95.9 97.8 99.1 99.2 99.3 99.6 99.6 99.6 99.7 99.8 99.8 100.0	GE	700	95.0	95.9	97.8	99.1	99.2	99.3	99.6	99.6	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0
GE 400 95.0 95.9 97.8 99.1 99.2 99.3 99.6 99.6 99.6 99.7 998 99.8 100.0 100.0 100.0 100.0 GE 300 95.0 95.9 97.8 99.1 99.2 99.3 99.6 99.6 99.6 99.7 99.8 99.8 100.0 100.0 100.0 100.0 GE 200 95.0 95.9 97.8 99.1 99.2 99.3 99.6 99.6 99.6 99.7 99.8 99.8 100.0 100.0 100.0 100.0 GE 100 95.0 95.9 97.8 99.1 99.2 99.3 99.6 99.6 99.6 99.7 99.8 99.8 100.0 100.0 100.0 100.0 100.0 GE 100 95.0 95.9 97.8 99.1 99.2 99.3 99.6 99.6 99.6 99.7 99.8 99.8 100.0 10	GE	600	95.0	95.9	97.8	99.1	99.2	99.3	99.6	99.6	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0
GE 400 95.0 95.9 97.8 99.1 99.2 99.3 99.6 99.6 99.6 99.7 998 99.8 100.0 100.0 100.0 100.0 GE 300 95.0 95.9 97.8 99.1 99.2 99.3 99.6 99.6 99.6 99.7 99.8 99.8 100.0 100.0 100.0 100.0 GE 200 95.0 95.9 97.8 99.1 99.2 99.3 99.6 99.6 99.6 99.7 99.8 99.8 100.0 100.0 100.0 100.0 GE 100 95.0 95.9 97.8 99.1 99.2 99.3 99.6 99.6 99.6 99.7 99.8 99.8 100.0 100.0 100.0 100.0 100.0 GE 100 95.0 95.9 97.8 99.1 99.2 99.3 99.6 99.6 99.6 99.7 99.8 99.8 100.0 10		- 1																
GE 300 95.0 95.9 97.8 99.1 99.2 99.3 99.6 99.6 99.6 99.7 99.8 99.8 100.0 100.0 100.0 100.0 GE 200 95.0 95.9 97.8 99.1 99.2 99.3 99.6 99.6 99.6 99.7 99.8 99.8 100.0 100.0 100.0 100.0 GE 100 95.0 95.9 97.8 99.1 99.2 99.3 99.6 99.6 99.6 99.7 99.8 99.8 100.0 100	GE	,																
GE 200 95.0 95.9 97.8 99.1 99.2 99.3 99.6 99.6 99.6 99.7 99.8 99.8 100.0 100.0 100.0 100.0 GE 100 95.0 95.9 97.8 99.1 99.2 99.3 99.6 99.6 99.6 99.7 99.8 99.8 100.0 100.0 100.0 100.0		,											_			-		
GE 100 95.0 95.9 97.8 99.1 99.2 99.3 99.6 99.6 99.6 99.7 99.8 99.8 100.0 100.0 100.0 100.0																		
	-																	
GE 000 95.0 95.9 97.8 99.1 99.2 99.3 99.6 99.6 99.7 99.8 99.8 100.0 100.0 100.0 100.0	GE	100	95.0	95.9	97.8	99.1	99.2	99.3	99.6	99.6	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0
ט.טטו ט.טטו ט.טטו א.ער א.ער א.ער א.ער א.ער א.ער א.ער א.ער	C.E.	0001	05.0	05.0	07.0	00.1	00.3	00.7	00.4	00.4	00.4	~ 7	00.0	00.0	100.0	100.0	100.0	100.0
	GE	ן טטט	43.U	45.4	41.8	77.1	77.2	99.3	77.0	77.0	yy .0	44.1	77.8	77.8	100.0	100.0	100.0	100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5 MONTH: JUN HOURS: 21-23

				10 010						MONT	1. JUN	HOOKS	. 21-23			
CEILING	• • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • •	• • • • • •	• • • • • •			STATU	E MILES	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •
IN	l GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	1 7	6	5	4	3	2 1/2			2 1 1/4		3/4	5/8	1/2	3/8	1/4	0
PEET	1 '	0	,	4	,	2 1/6		' '/	2 1 1/-	• •	3/4	5/6	1/2	3/6	1/4	U
	 	• • • • • • • •	• • • • • • •		• • • • • •	• • • • • • •			•••••	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	•••••	• • • • • • •	• • • • • •
NO CEIL	51.8	52.1	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
NO CLIL	1 71.0	56.1	72.3	,,,,	,,,,	,	32.3	,	50.5	,	,	22.5	,	,	,	,,,,
GE 20000	1 80 9	81.4	81.7	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 18000		81.6	81.8	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 16000		81.7	81.9	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 14000		81.9	82.1	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 12000		84.1	84.3	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
02 .2000	1	• • • • • • • • • • • • • • • • • • • •		•••	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	•						• • • • • • • • • • • • • • • • • • • •			
GE 10000	87.1	87.8	88.0	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
	89.2	89.9	90.2	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
	92.0	92.8	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
	92.4	93.2	93.6	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
	92.9	93.7	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 5000	93.7	94.4	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
	94.1	95.1	95.4	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
	94.3	95.4	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
	94.9	96.1	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
	95.3	96.6	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
	1															
GE 2500	96.1	97.3	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
	96.8	98.0	98.6	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
	97.0	98.2	98.8	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1500	97.2	98.4	99.0	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1200	97.3	98.7	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	i															
GE 1000	97.3	98.7	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	97.3	98.7	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	97.3	98.7	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	97.3	98.7	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	97.3	98.7	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	Ì															
GE 500	97.3	98.7	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	97.3	98.7	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	97.3	98.7	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	97.3	98.7	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	97.3	98.7	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	j															
GE 000	97.3	98.7	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	·															

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: JUN HOURS: ALL

				LS	T TO UT	C: + 5					MONT	H: JUN	HOURS:	ALL			
CE!	LING	• • • • • •		• • • • • • •		· · · · · · ·	VICIAL	ITV I	STATUT		• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •
	N I	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
	ET	7	6	5	4	3	2 1/2			1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
,,,		'			.			<u>-</u>							5,0		
•••		 I				• • • • • • • • •											
NO	CEIL	52.2	52.8	53.5	53.7	54.0	54.0	54.1	54.1	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2
GE	20000	75.9	76.8	77.8	78.4	78.7	78.7	78.8	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE	18000	76.0	76.9	77.9	78.4	78.8	78.8	78.9	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.1
GE	16000	76.2	77.1	78.1	78.7	79.0	79.0	79.1	79.1	79.1	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GΕ	14000	77.0	77.9	78.9	79.5	79.8	79.8	79.9	79.9	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE	12000	80.3	81.3	82.3	82.9	83.2	83.2	83.3	83.3	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5
0.5	10000	0/ 0	85.9	87.0	07 /	87.9	88.0	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.3
	10000			89.1	87.6 89.7	90.0	90.0	90.1	90.1	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE GE		86.8	88.0	90.7	91.3	91.7	91.7	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	92.0
GE		88.8	89.6 89.9	91.1	91.7	92.0	92.1	92.2	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.4
GE		89.0	90.2	91.1	92.0	92.3	92.3	92.4	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE	8000	09.0	90.2	91.4	72.0	72.3	72.3	72.4	72.3	72.3	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE	5000	90.1	91.3	92.5	93.1	93.5	93.5	93.6	93.6	93.6	93.7	93.8	93.8	93.8	93.8	93.8	93.8
GE	4500	90.8	92.1	93.3	94.0	94.3	94.3	94.4	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE	4000	91.1	92.4	93.7	94.4	94.7	94.7	94.8	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE	3500	91.7	93.0	94.3	95.0	95.3	95.3	95.4	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE	3000	92.3	93.7	95.0	95.7	96.1	96.1	96.2	96.2	96.2	96.3	96.4	96.4	96.4	96.4	96.4	96.4
	25.00		o/ 3	05.7	04.5	24.0	04.0	07.1	07.4	07.4	07.0	07.0	07.0	07.0	07.5		
GE	-	92.8	94.3	95.7	96.5	96.9	96.9	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.3	97.3
GE		93.9	95.4	96.9	97.7	98.2	98.2	98.4	98.4	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6
GE		94.1	95.6	97.2	98.0	98.5	98.5	98.7	98.7	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9
GE		94.3	95.8	97.4 97.5	98.2 98.4	98.7	98.7 98.9	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.2	99.2 99.4
GE	1200	94.4	95.9	97.5	98.4	98.8	70.7	99.1	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.4
GΕ	1000	94.4	95.9	97.5	98.4	98.8	98.9	99.1	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.4
GE	900	94.5	96.0	97.5	98.4	98.9	99.0	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.5
GE	800	94.5	96.0	97.6	98.5	99.0	99.0	99.2	99.3	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5
GE	700	4.6	96.1	97.7	98.6	99.0	99.1	99.3	99.3	99.3	99.5	99.5	99.5	99.6	99.6	99.6	99.6
GE	600	94.6	96.2	97.8	98.7	99.1	99.2	99.4	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7
			.														
GE	•	94.7	96.3	97.8	98.8	99.2	99.3	99.5	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE		94.7	96.3	97.9	98.8	99.3	99.4	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9
GE		94.8	96.3	97.9	98.8	99.4	99.4	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE		94.8	96.3	97.9	98.8	99.4	99.4	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE	100	94.8	96.3	97.9	98.8	99.4	99.4	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE	000	94.8	96.3	97.9	98.8	99.4	99.4	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OFRECORD: NOV 78 - OCT 88 LST TO UTC: + 5 MONTH: JUL HOURS: 00-02

				LS	1 10 01	L: + 3					MUNI	n: JUL	nouks	: 00-02			
CEILI	NG.			• • • • • • •	• • • • • • •	• • • • • • •	VISIBII	TTY (A	STATUT	F MILES	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •
IN	i Nici	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	. !	7	6	5	4	3	2 1/2			1 1/4		3/4	5/8	1/2	3/8	1/4	0
7661	' !	,	0	,	•	,	2 1/2	_	1 1/2	1 1/4	•	3/4	5/0	1/2	3/6	1/4	U
• • • • •			• • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • •	• • • • • • •			• • • • • • •		• • • • • •		• • • • • •	• • • • • • •			• • • • • •
NO CE		70.5	71.3	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
NO CE	:12	10.5	71.3	71.0	71.0	/1.0	71.0	71.0	71.0	71.0	, , 0	71.0	71.0	71.0	71.0	71.0	71.0
05 30	2000	90.0	90.8	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
		90.0	90.8	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
	•			91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
	,	90.0	90.8	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
	,	90.3	91.1														
GE 12	ְ טַטַטּי	91.3	92.4	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
CE 10	ا ۵۵۵	OF /	04 5	96.8	04.0	04.0	96.8	96.8	04.9	04.8	04 0	96.8	96.8	96.8	04 9	04.9	96.8
-		95.4	96.5		96.8 97.7	96.8 97.7	97.7	97.7	96.8 97.7	96.8 97.7	96.8 97.7	97.7	97.7	97.7	96.8 97.7	96.8 97.7	97.7
	1	96.3	97.4	97.7													
		96.7	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
		96.7	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 6	9000	96.7	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
CE E	.000	04.7	07.7	00 1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
		96.7	97.7	98.1		98.3	98.3	98.3	98.3		98.3	98.3	98.3	98.3	98.3	98.3	98.3
		96.7	98.0	98.3	98.3					98.3		98.6					
		97.0	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6		98.6	98.6	98.6	98.6	98.6
		97.0	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 3	:000 j	97.2	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
CF 3) 	07.3	00 5	00.0	00.0	00.0	00.0	00.0	00.0	98.8	98.8	98.8	98.8	00.0	00.0	98.8	98.8
		97.2	98.5	98.8	98.8	98.8	98.8	98.8	98.8					98.8	98.8		
		97.4	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
	-	97.7	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
		98.1	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1	200	98.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
CE 1	0001	98.3	00.4	100.0	100.0	100.0	100.0	100 0	100.0	100.0	100 0	100.0	100.0	100.0	100.0	100.0	100.0
			99.6	100.0	100.0	100.0		100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
		98.3	99.6	100.0													
		98.3	99.6	100.0	100.0	100.0	100.0		100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
	,	98.3	99.6		100.0	100.0	100.0		100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	900 j	98.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		00.7	00 (400.0	100.0	400.0	400 0	100.0	400.0		400.0	400.0	100.0	100.0	***	100.0	100.0
	•	98.3	99.6	100.0	100.0	100.0	100.0		100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0
	•	98.3	99.6	100.0	100.0	100.0		100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
		98.3	99.6	100.0	100.0	100.0	100.0				100.0	100.0	100.0	100.0	100.0	100.0	100.0
	- ,	98.3	99.6	100.0	100.0	100.0				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	100	98.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	0001	98.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
																	• • • • • •

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: JUL HOURS: 03-05

				LST	ז זט טזנ); + 5					MONTH	ł: JUL	HOURS	s: 03-05	j		
CE!	ILING	• • • • • •	•••••	• • • • • •		•••••	VISIBII	ITY IN	STATUTE	 E MILES	 ;	• • • • • • •		· • • • • • • •		• • • • • • •	•••••
	IN	l GE	GE	GE	GE	GΕ	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
	EET	7	6	5	4	3	2 1/2	2		1 1/4		3/4	5/8	1/2	3/8	1/4	0
				• • • • • •		•••••			• • • • • • • •				· • • • • •	· • • • • • •		• • • • • • •	•••••
NO	CEIL	74.6	76.9	78.0	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE	20000	89.5	91.9	93.0	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.7	93.7	93.7	93.7
GE	18000	89.5	91.9	93.0	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.7	93.7	93.7	93.7
GE	16000	89.5	91.9	93.0	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.7	93.7	93.7	93.7
GE	14000	89.6	92.0	93.1	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.8	93.8	93.8	93.8
GE	12000	90.6	93.1	94.2	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.8	94.8	94.8	94.8
GE	10000 l	/ 93. 0	95.5	96.6	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2
GE		94.0	96.5	97.5	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2
GE		94.3	96.8	97.8	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5
GE		94.3	96.8	97.8	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5
GE		94.5	97.0	98.1	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7
CE	50001	0/ 5	97.0	09 1	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7
GE		94.5	97.0	98.1	98.5 98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7 98.7	98.7	98.7 98.7	98.7
GE		94.5	97.0	98.1	98.5	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4
GE		95.2	97.6 97.6	98.7 98.7	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4
GE GE		95.2	97.6	98.7 98.7	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4
ŲĒ	2000	77.6 	71.0	90.1	77.1	77.6	77.2	77.6	77.6	77.6	77.6	77.6	77.6	77.4	77.7	77.4	77.7
GE	2500	95.2	97.6	98.7	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4
GE		95.4	97.8	98.9	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6
GE	1800	95.4	97.8	98.9	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6
GE	1500	95.7	98.2	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	69.9	99.9	99.9	99.9
GE	1200	95.7	98.2	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE	1000	 95.7	98.2	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99,8	99.8	99.8	99.9	99.9	99.9	99.9
GE		95.7	98.2	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE	,	95.7	98.2	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE	,	95.7	98.2	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE		95.7	98.2	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
C.E.	5001	95.7	00.3	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE GE	,	95.7	98.2 98.2	99.2	99.7 99.7	99.8	99.8	99.9	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0
GE		95.7	98.2	99.2	99.7 99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		100.0		100.0
		95.7	98.2 98.2	99.2	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE GE		95.7	98.2 98.2	99.2	99.7 99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
υE	1001	93.1 	70.2	77.2	99.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	100.0	100.0	100.0	100.0
GE	000	95.7	98.2	99.2	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999	100.0	100.0	100.0	100.0

STATION NUMBER: 747945

GE

GE

GF

GE

GE

GE

GE

4500 | 86.8

40001 87.1

3500 i 87.5

3000 87.5

25001 87.5

2000 88.0

1800 | 88.2

90.2

90.5

91.1

91.1

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91.5

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98.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

GE

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97.3

97.8

97.8

97.8

98.4

98.7

97.0

97.3

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97.8

98.4

98.7

STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5 MONTH: JUL HOURS: 06-08 VISIBILITY IN STATUTE MILES CELL ING GE GΕ GE GE GE GE GE GE GF GE GE GΕ IN 3 4 2 1/2 2 1 1/2 1 1/4 1 3/4 FEET 7 5 5/8 1/2 3/8 1/4 6 NO CEIL | 59.1 61.9 63.7 64.8 66.5 66.8 67.0 67.0 67.0 67.2 67.2 67.2 67.3 67.3 67.4 86.3 86.6 86.6 86.6 86.9 86.9 86.9 87.1 87.1 87.2 GE 20000 77.8 81.0 83.2 84.4 86.0 83.5 84.7 86.3 86.7 86.9 86.9 86.9 87.2 87.2 87.2 87.4 87.4 87.5 87.5 GE 180001 78.2 81.3 87.7 88.1 88.1 88.3 88.3 87.7 87.7 88.1 88.4 GE 16000 79.0 82.2 84.4 85.6 87.2 87.5 88.4 89.6 89.8 GE 14000 80.3 83.5 85.9 87.1 88.7 89.0 89.2 89.2 89.2 89.6 89.6 89.8 89.9 89.9 91.2 91.4 91.4 91.4 91.7 91.7 91.7 91.9 91.9 92.0 92.0 88.1 90.9 GE 120001 82.2 85.6 89.2 94.3 94.6 94.6 94.8 GE 10000 84.9 88.4 90.9 92.0 93.8 94.1 94.3 94.3 94.6 94.8 94.9 94.9 89.2 91.7 92.9 94.9 95.2 95.2 95.2 95.5 95.5 95.5 95.7 95.7 95.8 95.8 GE 9000| 85.8 94.6 95.4 95.4 95.7 95.7 8000 86.0 89.5 91.9 93.1 94.8 95.2 95.4 95.7 95.9 95.9 96.0 96.0 95.1 95.6 95.6 95.9 95.9 95.9 96.1 96.2 GE 7000 | 86.2 89.7 92.2 93.3 95.4 95.6 96.1 96.2 96.0 96.0 96.0 96.3 96.6 96.6 96.7 GF 60001 86.5 89.9 92.6 93.8 95.5 95.8 96.3 96.3 96.7 5000| 86.7 92.8 94.0 95.7 96.2 96.2 96.2 96.6 96.6 96.6 96.8 96.8 96.9 96.9 GE 90.1 96.0

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94.8 98.4 98.8 99.0 99.0 99.1 99.1 1500 88.5 92.0 96.1 97.8 98.2 98.4 98.4 98.7 98.8 GF GE 1200 | 88.5 92.0 94.8 96.2 98.0 98.3 98.5 98.5 98.5 98.8 98.9 98.9 99.1 99.1 99.2 99.2 99.2 98.6 98.6 98.9 99.0 99.0 99.2 99 4 99 4 GΕ 10001 88.5 92.0 94.8 96.2 98.1 98.4 98.6 900 88.5 92.0 94.8 98.1 98.4 98.6 98.6 98.6 98.9 99.0 99.0 99.2 99.2 99.4 99.4 GE 96.2 94.8 98.4 98.6 98.6 98.9 99.0 99.0 99.2 99.2 99.4 99.4 800 | 88.5 92.0 96.2 98.1 98.6 GF 99.2 GΕ 700 | 88.5 92.0 94.8 96.2 98.1 98.4 98.6 98.6 98.6 98.9 99.0 99.0 99.2 99.4 99.4 98.6 98.6 98.9 99.0 99.2 99.2 99.4 GE 600 88.5 92.0 94.8 96.2 98.1 98.4 98.6 99.0 99.4 98.6 GE 5001 88.5 92.0 94.8 96.2 98.1 98.4 98.6 98.6 98.9 99.0 99.0 99.2 99.2 99.4 99.4 4001 88.5 92.0 94.8 96.3 98.3 98.6 98.8 98.8 98.8 99.1 99.2 99.2 99.5 99.5 99.6 99.6 GE 99.4 99.5 99.8 GE 300| 88.5 92.0 94.8 96.3 98.3 98.6 99.0 99.0 99.0 99.5 99.7 99.7 99.8 94.8 96.3 98.6 99.0 99.1 99.1 99.5 99.6 99.6 99.8 99.8 99.9 99.9 GE 200 88.5 92.0 98.3 99.6 100 88.5 94.8 99.1 99.1 99.5 99.6 99.8 99.8 100.0 100.0 92.0 96.3 98.3 98.6 99.0 GE 000 88.5 92.0 94.8 96.3 98.3 98.6 99.0 99.1 99.1 99.5 99.6 99.6 99.8 99.8 100.0 100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5 MONTH: JUL HOURS: 09-11 VISIBILITY IN STATUTE MILES CEILING GE GE GE GE GE GE GE GE GE IN 4 3 2 1/2 2 1 1/2 1 1/4 1 3/4 FEET | 7 6 5 5/8 1/2 3/8 1/4 63. GE 20000 80.2 81.5 84.0 84.2 84.5 84.5 84.5 84.5 84.5 84.5 84.5 84.5 84.5 84.5 84.5 81.7 84.2 84.4 84.7 84.7 84.7 84.7 84.7 84.7 84.7 84.7 84.7 84.7 84.7 84. GE 180001 80.4 85.6 85.3 85.6 85.6 85.6 85.6 85.6 85.6 85.6 85.6 85.6 85. 85.6 GE 16000 | 81.3 82.6 85.1 88.6 GE 14000 84.6 85.9 88.4 88.9 88.9 88.9 88.9 88.9 88.9 88.9 88.9 88.9 88.9 88.9 88. 90.3 90.6 90.6 90.6 90.6 90.6 90.6 90.6 90.6 90.6 90. 90.6 90.6 GE 12000 | 86.3 87.6 90.1 GE 10000| 90.0 91.3 93.8 94.0 94.5 94.5 94.5 94.5 94.5 94.5 94.5 94.5 94.5 94.5 94.5 94 GE 9000 91.0 92.3 94.7 94.9 95.5 95.5 95.5 95.5 95.5 95.5 95.5 95.5 95.5 95.5 95.5 95. 96.3 96.3 96.3 96.3 96 96.3 96.3 96.3 96.3 96.3 8000] 91.7 93.1 95.6 95.8 96.3 96.3 GF 7000 91.8 93.2 95.7 95.9 96.5 96.5 96.5 96.5 96.5 96.5 96.5 96.5 96.5 95.5 96.5 96. GE 6000 91.9 96.2 96.8 96.8 96.8 96.8 96.8 96.8 96.8 96.8 96.8 96. 93.3 96.0 96.8 76.8 GE 5000| 92.2 93.7 96.3 96.6 97.1 97.1 97.1 97.1 97.1 97.1 97.1 97.1 97.1 97.1 97.1 97. GE 4500 92.3 97.2 97.2 97.2 97.2 97.2 97.2 97.2 97.2 97.2 97.2 97.2 93.8 96.7 96.5 97.6 97.6 97.6 97.6 97.6 97.6 97.6 97.6 97 97.1 97.6 97.6 GE 4000 | 92.6 94.2 96.9 97.6 94.4 97.1 97.3 3500 92.8 97.8 97.8 97.8 97.8 97.8 97.8 97.8 97.8 97.8 97.8 97.8 97 98.3 98.3 98.3 98.3 98.3 98.3 98.3 98.3 98.3 98. 97.4 97.7 98.3 98.3 GE 30001 93.1 94.7 97.6 GF 2500 | 93.3 94.9 98.0 98.5 98.5 98.5 98.5 98.5 98.5 98.5 98.5 98.5 98.5 98.5 98 98.8 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99. 20001 94.2 95.8 98.5 GE 99.6 90 1800 94.4 96.0 98.7 99.0 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.1 99.7 GE 1500 94.5 96.1 98.8 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99 99.8 99.8 99.8 99.8 99.8 99.8 99 99.1 99.8 99.8 99.8 99.8 99.8 GE 1200 | 94.5 96.1 98.8 10001 94.5 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 GF 96.1 98.8 99.1 99.9 99.9 99.9 99.9 99.9 99.9 99 99.9 99.9 99.9 99.9 99.9 GΕ 900] 94.6 96.2 98.9 99.2 99.2 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99 GE 800 94.6 96.2 98.9 700 94.7 99.0 99.4 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GF 96.3 GE 600] 94.7 96.3 99.0 99.4 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100 99.4 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GE 5001 94.7 96.3 99.0 99.4 100.0 10.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 400 94.7 96.3 99.0 GE GE 300 94.7 96.3 99.0 99.4 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0

TOTAL NUMBER OF OBSERVATIONS 930

96.3

96.3

99.0 99.0

200 94.7

100 94.7

GE

GE

GE 000| 94.7 96.3 99.0 99.4 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0

99.4 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0

100

99.4 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: JUL HOURS: 12-14

				LST	TO UTO	: + 5					MONTH	: JUL	HOURS	: 12-14			
• • •		• • • • • •	• • • • • • •		• • • • • •	•••••					• • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •
	LING		05	05	٥.	c.c			STATUTE		6 F	C E	C E	GE	65		65
	N	GE	GE	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	1/2	GE 3/8	GE 1/4	GE O
11	ET	7	6	,	4	3	2 1/2	2	1 1/2	1 1/4	,	3/4	3/0	1/2	3/0	1/4	U
• • •			•••••					• • • • •	• • • • • • • •		• • • • • •						•••••
NO	CEIL	50.0	51.1	53.3	53.3	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
NO		1	J 1	33.3	,,,,	33	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	5511	33.1	231.		,,,,,,	22	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			,,,,,
GE	20000	77.2	78.7	81.4	81.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
	18000		79.0	81.7	81.7	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
	16000		79.2	81.9	81.9	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
	14000		80.9	83.5	83.5	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
	12000		82.6	85.3	85.3	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
	12000			42.12													
GE	10000	84.6	86.2	89.1	89.1	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE		85.5	87.1	90.0	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE		86.8	88.4	91.3	91.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE		86.8	88.4	91.3	91.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE	,	87.2	88.8	91.7	91.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
	i	İ															
GE	5000	88.0	89.7	92.6	92.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE	4500	88.2	90.0	92.9	92.9	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE	4000	88.4	90.2	93.1	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE	3500 j	89.6	91.5	94.4	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE	3000	90.9	92.8	95.8	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE	2500	92.4	94.3	97.5	97.5	97.8	98.0	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GΕ	2000	92.8	94.9	98.2	98.3	98.6	98.7	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE		93.2	95.4	98.6	98.8	99.1	99.2	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE	1500	93.4	95.6	98.8	99.0	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE	1200	93.4	95.7	98.9	99.1	99.5	99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
	1																
GE		93.4	95.7	98.9	99.1	99.5	99.6	99.8	99.8	99.8	99.9	99.9	99.9		100.0	100.0	100.0
GE		93.4	95.7	98.9	99.1	99.5	99.6	99.8	99.8	99.8	99.9	99.9	99.9		100.0	100.0	100.0
GE	,	93.4	95.7	98.9	99.1	99.5	99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE		93.4	95.7	98.9	99.1	99.5	99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE	600	93.4	95.7	98.9	99.1	99.5	99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
	!																
GE		93.4	95.7	98.9	99.1	99.5	99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE		93.4	95.7	98.9	99.1	99.5	99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE		93.4	95.7	98.9	99.1	99.5	99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE		93.4	95.7	98.9	99.1	99.5	99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE	100	93.4	95.7	98.9	99.1	99.5	99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
c=	0001	07 /	05.7	00 0	00 1	99.5	00 4	00.0	00.0	00.0	00.0	00.0	00.0	100.0	100.0	100.0	100.0
GE	000	93.4	95.7	98.9	99.1	77.3	99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
• • •											• • • • •				• • • • • • •		

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5 MONTH: JUL HOURS: 15-17

				LS	T TO UT	C: + 5					MONT	H: JUL	HOURS	5: 15-17	,		
CEI	CEILING VISIBILITY IN STATUTE MILES																
	N	GE	GE	GE	GE												
FE		7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
		·						· • • • • •				• • • • • •		· • • • • • •			
NO	CEIL	42.9	43.9	45.2	45.2	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
٥-	20000	71 4	77 7	75.4	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
		71.6 71.7	73.3 73.4	75.5	75.5	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
		72.2	73.9	75.9	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
		72.8	74.7	76.8	76.8	77.0	77.0	77.C	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
		75.2	77.2	79.2	79.2	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
-		1		.,,-			.,										
GΕ	10000	81.8	84.0	86.1	86.2	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE	9000	83.4	85.6	87.8	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE	8000	85.6	87.8	90.2	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE	7000	86.0	88.3	90.6	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE	6000	86.5	88.7	91.1	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE		86.5	88.7	91.1	91.2	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE		87.0	89.2	91.7	91.8	97.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE		87.8	90.1	92.7	92.8	93.1	93.1	93.2 94.7	93.2 94.7	93.2 94.7	93.2	93.2 94.7	93.2 94.7	93.2 94.7	93.2 94.7	93.2	93.2 94.7
GE		89.0	91.3 91.7	94.2 94.9	94.3 95.3	94.6 95.7	94.6 95.8	96.0	96.0	96.0	94.7 96.1	96.1	96.1	96.1	96.1	94.7 96.1	96.1
GE	3000	09.4	91.7	94.9	45.3	93.1	95.0	90.0	70.0	90.0	70.1	70.1	90.1	70.1	90.1	90.1	70.1
GE	2500	90.1	92.8	96.6	97.0	97.4	97.5	98.0	98.0	98 0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE		90.6	93.4	97.4	98.0	98.6	98.7	99.2	99.2	94.2	99.4	99.4	99.4	99.5	99.5	99.5	99.5
GΕ		90.9	93.7	97.6	98.2	98.8	98.9	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7
GE		91.0	93.8	97.7	98.3	98.9	99.0	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE	1200	91.0	93.8	97.7	98.3	98.9	99.0	99.6	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9
GE	1000	91.0	93.8	97.7	98.3	98.5	99.0	99.6	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9
GE		91.0	93.8	97.7	98.3	98.9	99.0	99.5	99.5	77.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9
G	800		93.8	97.7	98.3	98.9	99.0	99.6	99.6	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0
GE		91.0	93.8	97.7	98.3	98.9	99.0	99.6	99.6	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0
GE	600	91.0	93.8	97.7	98.3	98.9	99.0	99.6	99.6	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0
- -	E00	0.0	07.0	97.7	00.7	98.9	00.0	00.4	00.7	00.4	00.7	99.8	00.0	100.0	100.0	100.0	100.0
GE		91.0	93.8	97.7	98.3 98.3	98.9	99.0 99.0	99.6 99.6	99.6 99.6	99.6 99.6	99.7 99.7	99.8	99.8 99.8	100.0	100.0	100.0	100.0
GE GE		91.0	93.8 93.8	97.7	98.3	98.9	99.0	99.6	99.6	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0
GE		91.0	93.8	97.7	98.3	98.9	99.0	99.6	99.6	99.6 99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0
GE		91.0	93.8	97.7	98.3	98.9	99.0	99.6	99.6	99.6	99.7	99.8	99.8	100.0		100.0	100.0
GL	100	71.5	,,,	,,.,	,0.5	70.7	,,	,,	,,,,	.,.0		,,	,,,,		.00.0		
GE	000	91.0	93.8	97.7	98.3	98.9	99.0	99.6	99.6	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: JUL HOURS: 18-20

CE	ILING	• • • • • •	•••••	• • • • • • •		• • • • • •	VISIBIL	 ITY IN	STATUTE	MILES	• • • • •	• • • • • •	• • • • •	• • • • • • •		• • • • • • •	
	IN	l GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GΕ	GE	GE	GE	GE
	EET	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
		· · · · · · ·												• • • • • • •			
		1															
NO	CEIL	38.4	39.7	40.5	40.8	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
										 .							
	20000		72.4	74.4	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
	18000		72.4	74.4	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
	16000	,	72.5	74.5	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
	14000	•	73.5	75.6	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE	12000	73.2	75.7	77.7	78.3	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GF	10000	 81 2	84.1	86.5	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE		83.2	86.1	88.6	89.2	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE		85.9	88.8	91.4	92.2	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE		86.2	89.1	91.7	92.5	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
	•		89.5	92.0	92.8	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE	6000	00. 0	09.5	92.0	92.0	73.2	43.2	73.2	73.2	73.2	93.2	93.2	43.2	73.2	73.2	73.2	43.2
GΕ	5000	87.1	90.0	92.6	93.3	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE	4500	87.5	90.4	93.0	93.8	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE	4000	88.3	91.2	93.8	94.5	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE	3500		91.5	94.1	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE	3000		91.9	94.6	95.5	96.1	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2
	-												, , , ,				
GE	2500	89.9	93.0	95.9	96.8	97.5	97.5	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE	2000	90.6	93.8	96.8	97.6	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE	1800 j	90.6	93.8	96.8	97.6	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GΕ	1500 j	90.8	93.9	96.9	97.7	98.8	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE	1200	91.3	94.4	97.4	98.3	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7
			a. 5		00.4												
GE		91.4	94.5	97.5	98.4	99.5	99.5	99.6	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9
GE		91.4	94.5	97.5	98.4	99.5	99.5	99.6	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9
GE		91.4	94.6	97.6	98.5	99.6	99.6	99.7	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GΕ	,	91.4	94.6	97.6	98.5	99.6	99.6	99.7	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE	600	91.4	94.6	97.6	98.5	99.6	99.6	99.7	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE	500 I	91.4	94.6	97.6	98.5	99.6	99.6	99.7	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE		91.4	94.6	97.6	98.5	99.6	99.6	99.7	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE		91.4	94.6	97.6	98.5	99.6	99.6	99.7	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE		91.4	94.6	97.6	98.5	99.6	99.6	99.7	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE		91.4	94.6	97.6	98.5	99.6	99.6	99.7	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
JE	1001	71.4	,4.0	,,,,	,0.5	,,,,	,,.0	,,,,	,,,,	77.1	77.0	77.7	77.7	100.0	100.0	100.0	100.0
GE	1000	91.4	94.6	97.6	98.5	99.6	99.6	99.7	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5 MONTH: JUL HOURS: 21-23

				LS	10 010	.: + 3						1: JUL	nouks	: 21-23			
CEI	LING			• • • • • • •				ITY IN	STATUT			• • • • • •	• • • • • •	•••••	• • • • • •		• • • • • •
	IN	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FE	ET	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
• • •	•••••		• • • • • • •					• • • • • •	•••••	• • • • • •		• • • • • •	• • • • • • •	• • • • • •	•••••		• • • • • •
NO	CEIL	56.8	58.4	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE	20000	81.8	84.0	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE	18000	81.8	84.0	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE	16000	81.8	84.0	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE	14000	82.7	84.8	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE	12000	84.3	86.5	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE	10000	88.5	90.8	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE	9000	90.6	92.9	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE	8000 i	92.0	94.3	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE		92.2	94.4	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE	6000	92.4	94.6	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE	5000	92.5	94.7	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE		93.2	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GΕ	4000	93.8	96.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE	3500 i	94.0	96.2	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE	3000	94.1	96.3	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE	2500 l	94.9	97.2	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE	2000 i	96.0	98.3	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE		96.0	98.3	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.	99.2	99.2	99.2	99.2	99.2
GE	1500	96.0	98.3	99.0	99.0	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE	1200	96.5	98.7	99.5	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE	1000	96.6	98.8	99.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE	900	96.6	98.8	99.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE	800	96.6	98.8	99.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE	700 Í	96.6	98.8	99.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE	600	96.6	98.8	99.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE	5001	96.6	98.8	99.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE		96.6	98.8	99.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE		96.6	98.8	99.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE		96.6	98.8	99.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE		96.6	98.8	99.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE	000	96.6	98.8	99.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: JUL HOURS: ALL

				LOI	10 010	.: +)					MUNIT	i. JOL n	OUKS:				
CEI	LING			• • • • • •		•••••		ITY IN	STATUTE		•••••	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •
11	N	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FE	ET	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
• • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •		•••••	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • •	• • • • • •	• • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •
NO (CEIL	56.5	58.0	59.2	59.4	59.8	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
	j																
		79.8	81.7	83.4	83.7	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.2	84.2
		79.9	81.8	83.5	83.8	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.3	84.3	84.3	84.3
		80.2	82.1	83.8	84.1	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.6	84.6	84.6	84.6
	•	81.3	83.3	85.0	85.3	85.6	85.7	85.7	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE	12000	83.0	85.1	86.8	87.1	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.6	87.6	87.6	87.6
GE	10000	87.4	89.6	91.4	91.7	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.3	92.3
GE	9000	88.7	90.9	92.7	93.0	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.6	93.6	93.6	93.6
GE	8000	89.9	92.1	93.9	94.2	94.7	94.7	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE	7000	90.0	92.2	94.1	94.4	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	95.0	95.0	95.0	95.0
GE	6000	90.3	92.4	94.4	94.7	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.3	95.3	95.3	95.3
GE	50001	90.5	92.7	94.6	94.9	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.6	95.6	95.6	95.6
GE	•	90.8	93.0	94.9	95.3	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.9	95.9	95.9	95.9
GE	•	91.3	93.5	95.5	95.8	96.2	96.3	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE	•	91.7	94.0	96.0	96.3	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE		92.0	94.3	96.4	96.8	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5
	25.00	00 /	٥, ٥				00.4				00.0	00.0	20.2	00.7	on 3	00.7	00.7
GE		92.6	94.9	97.1	97.5	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3
GE		93.1	95.5	97.8	98.2	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1
GE		93.3	95.7	97.9	98.4	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3
GE		93.5	95.9	98.1	98.6	99.2	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6
GE	1200	93.6	96.1	98.3	98.8	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE		93.7	96.1	98.3	98.8	99.4	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE	900	93.7	96.1	98.3	98.8	99.4	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.9	99.9
GE	800	93.7	96.1	98.4	98.8	99.4	99.5	99.7	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9
GE	700	93.7	96.1	98.4	98.8	99.4	99.5	99.7	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9
GE	600	93.7	96.1	98.4	98.8	99.4	99.5	99.7	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9
GE	500 i	93.7	96.1	98.4	98.8	99.4	99.5	99.7	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99,9
GE	•	93.7	96.1	98.4	98.9	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE		93.7	96.1	98.4	98.9	99.5	99.6	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0
GE	- 1	93.7	96.1	98.4	98.9	99.5	99.6	99.7	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE		93.7	96.1	98.4	98.9	99.5	99.6	99.7	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
	j																
GE	000	93.7	96.1	98.4	98.9	99.5	99.6	99.7	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
					. 												

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5 MONTH: AUG HOURS: 00-02

				L\$1	TO UT	0: + 5					MONT	H: AUG	HOURS	s: 00-02	2		
		• • • • • • •	•••••	• • • • • •	• • • • • • •					 TC MILE		• • • • • • •	•••••	• • • • • •	• • • • • •		• • • • • •
	LING	ا دد	CE	GE	CE	CE	GE	GE	N SIAIU GE	TE MILE: GE			c.c	65			
	N	GE 7	GE 6	5	GE 4	GE 3	2 1/2		1 1/3		GE 4 1	GE	GE E / P	GE	GE 7 (8	GE	GE
re		ι ,	ь	,	4	3	2 1/2		. 1 170	2 1 1/4	• 1	3/4	5/8	1/2	3/8	1/4	0
•••		 I		•••••			• • • • • •	•••••	• • • • • • •	• • • • • • •	• • • • • •				• • • • • •		• • • • •
NO	CEIL	65.5	66.0	66.9	67.2	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
		İ															
	20000		87.7	88.7	89.1	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
	18000	,	87.7	88.7	89.1	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
	16000		87.8	88.8	89.2	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
	14000		88.6	89.6	90.0	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE	12000	89.5	90.4	91.6	92.0	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	925
GF.	10000	924	93.3	94.5	94.9	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE		93.8	94.7	95.9	96.3	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE	,	94.3	95.3	96.5	96.9	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE		94.6	95.6	96.8	97.2	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE		94.6	95.6	96.8	97.2	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
u.	0000	1	77.0	70.0	71.2	71.5	77.5	77.0	77.0	71.0	77.0	77.0	71.0	71.0	97.0	97.0	91.0
GΕ	5000	94.9	95.9	97.1	97.5	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE	4500	95.2	96.1	97.3	97.7	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE	4000	95.3	96.2	97.4	97.8	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GΕ	3500	95.4	96.3	97.5	98.0	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE	3000	95.5	96.5	97.7	98.2	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
٥-	3500	05.5	٥, ٤	07.7	00.0	00.5	20.5	00 (00 (00 (
GE		95.5	96.5	97.7	98.2	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE		95.8	96.8	98.2	98.6	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE	,	95.9	96.9	98.3	98.7	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE		96.2	97.2	98.7	99.1	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE	1200	96.2	97.2	98.7	99.1	99.5	99.5	99.6	99.6	99.6	ئ.9 9	99.6	99.6	99.6	99.6	99.6	99.6
GΕ	1000	96.2	97.2	98.7	99.1	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE		96.3	97.3	98.8	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE		96.3	97.3	98.8	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE		96.6	97.5	99.0	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE		96.6	97.5	99.0	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
	Ì								-								
GE		96.6	97.5	99.0	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0
GΕ		96.6	97.5	99.0	99.5	99.9	99.9	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		96.6	97.5	99.0	99.5	99.9	99.9	100.0	100.0		100.0	100.ບ	100.0	100.0	100.0	100.0	100.0
GE	200	96.6	97.5	99.0	99.5	99.9	99.9	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	100	96.6	97.5	99.0	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	190.0	100.0	100.0	100.0	100.0
GE	 000	96.6	97.5	99.0	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: AUG HOURS: 03-05

				LST	10 010	:: + 5					MONTH	: AUG	HOURS	: 03-05			
CEI	LING	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	VISIBIL	ITY IN	STATUTE	MILES	• • • • • •	• • • • • • •	•••••	• • • • • •	• • • • • • •	• • • • • •	• • • • • •
	N	l GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
	ΕT	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
															• • • • • •		
		! <u>_</u>															
NO	CEIL	71.3	72.8	74.0	74.8	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE	20000	l 184.2	85.7	87.1	88.0	89.0	89.0	89.1	89.1	89,1	89.2	89.2	89.2	89.2	89.2	89.2	89.2
	18000	1	85.7	87.1	88.0	89.0	89.0	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2
	16000		85.7	87.1	88.0	89.0	89.0	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2
	14000		86.1	87.5	88.4	89.5	89.5	89.6	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7
	12000		88.5	89.9	90.8	91.8	91.8	91.9	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0
	40000				07.0	0/ 1	0/ 4	0/ 3	04.3	04.0	04.7	04.7	04.3	O/ 3	04.7	O4 7	04.7
	10000		90.8	92.2	93.0	94.1	94.1	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE		90.3	91.9	93.3	94.2	95.3	95.3	95.4	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE		90.9	92.5	93.9	94.7	95.8	95.8	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE		91.0	92.6	94.0	94.8	95.9	95.9	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GĒ	6000	91.7	93.3	94.7	95.6	96.7	96.7	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE	5000	92.0	93.7	95.1	95.9	97.0	97.0	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE	4500	92.2	93.8	95.2	96.0	97.1	97.1	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GΕ	4000	92.5	94.1	95.5	96.3	97.4	97.4	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE	3500	92.9	94.5	95.9	96.8	97.8	97.8	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE	3000	92.9	94.5	95.9	96.8	97.8	97.8	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE	25001	92.9	94.5	95.9	96.8	97.8	97.8	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE		93.4	95.1	96.7	97.5	98.6	98.6	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE		93.4	95.2	96.8	97.6	98.7	98.7	98.8	98.8	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.0
GE		93.4	95.2	96.8	97.6	98.7	98.7	98.8	98.8	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.0
GE		93.5	95.3	96.9	97.7	98.8	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1
GE	1200	73.7	73.3	90.9	91.1	90.0	70.0	70.9	70.7	70.7	77.0	99.0	99.0	77.1	77.1	77.1	77.1
GE	1000	93.5	95.3	96.9	97.7	98.8	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1
GE	900	93.9	95.6	97.2	98.1	99.1	99.1	99.2	99.2	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.5
GE	800	93.9	95.6	97.2	98.1	99.1	99.1	99.2	99.2	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.5
GE	700	94.0	95.7	97.3	98.2	99.2	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6
GE	600	94.0	95.7	97.3	98.2	99.2	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6
GΕ	5001	94.1	95.8	97.4	98.3	99.5	99.5	99.6	99,6	99.6	99.7	99,7	99.7	99.8	99.8	99.8	99.8
GE		94.1	95.8	97.4	98.3	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE		94.1	95.8	97.4	98.3	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE		94.1	95.8	97.4	98.3	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE		94.1	95.8	97.4	98.3	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE	1001	74.1	77.0	71.4	70.5	77.1	77.1	77.0	77.0	77.0	77.7	77.7	77.7	100.0	100.0	100.0	100.0
GE	000	94.1	95.8	97.4	98.3	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5 PERIOD OF RECORD: NOV 78 - OCT 88 MONTH: AUG HOURS: 06-08

				LS	1 10 01	L: + 5					MUNI	H: AUG	HUUK	5: 00-00	•		
CE	LING					• • • • • • •	VISIBII	ITY IN	STATUT	E MILES	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •		• • • • • • •	• • • • • •
	l N	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FE	ET	j 7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
			• • • • • • •	• • • • • •		• • • • • • •			• • • • • • • •	• • • • • •		• • • • • •	• • • • • •	• • • • • •		• • • • • •	
		1	(2.0		/C -		// =		44.0	44.0		"		47 0	47.0	47.0	47 0
NO	CEIL	61.0	62.9	64.8	65.5	66.3	66.5	66.8	66.8	66.8	66.9	66.9	66.9	67.0	67.0	67.0	67.0
CE.	20000	 77 7	80.3	83.1	83.8	84.6	84.7	85.1	85.1	85.1	85.2	85.2	85.2	85.3	85.3	85.3	85.3
	18000	,	80.4	832	83.9	84.7	84.8	85.2	85.2	85.2	85.3	85.3	85.3	85.4	85.4	85.4	85.4
	16000		81.6	84.4	85.1	85.9	86.0	86.3	86.3	86.3	86.5	86.5	86.5	86.6	86.6	86.6	86.6
	14000		83.1	85.9	86.6	87.4	87.5	87.8	87.8	87.8	88.0	88.0	88.0	88.1	88.1	88.1	88.1
	12000		87.3	90.1	90.8	91.6	91.7	92.0	92.0	92.0	92.2	92.2	92.2	92.3	92.3	92.3	92.3
		i															
GΕ	10000	87.8	90.5	93.3	94.1	94.9	95.1	95.4	95.4	95.4	95.5	95.5	95.5	95.6	95.6	95.6	95.6
GE		88.6	91.3	94.1	94.8	95.7	95.8	96.1	96.1	96.1	96.2	96.2	96.2	96.3	96.3	96.3	96.3
GE		88.8	91.5	94.3	95.1	95.9	96.0	96.3	96.3	96.3	96.5	96.5	96.5	96.6	96.6	96.6	96.6
GE		89.0	91.7	94.5	95.3	96.1	96.2	96.6	96.6	96.6	96.7	96.7	96.7	96.8	96.8	96.8	96.8
GE	6000	89.2	91.9	94.7	95.5	96.3	96.5	96.8	96.8	96.8	96.9	96.9	96.9	97.0	97.0	97.0	97.0
GE	5000	 89.6	92.3	95.1	95.8	96.7	96.8	97.1	97.1	97.1	97.2	97.2	97.2	97.3	97.3	97.3	97.3
GE		90.0	92.7	95.5	96.2	97.1	97.2	97.5	97.5	97.5	97.6	97.6	97.6	97.7	97.7	97.7	97.7
GE	,	90.0	92.7	95.6	96.3	97.2	97.3	97.6	97.6	97.6	97.7	97.7	97.7	97.8	97.8	97.8	97.8
GE		90.1	92.8	95.7	96.5	97.3	97.4	97.7	97.7	97.7	97.8	97.8	97.8	98.0	98.0	98.0	98.0
GE		90.1	92.8	95.7	96.5	97.3	97.4	97.7	97.7	97.7	97.8	97.8	97.8	98.0	98.0	98.0	98.0
	İ	İ															
GE	2500	90.1	92.8	95.7	96.5	97.3	97.4	97.7	97.7	97.7	97.8	97.8	97.8	98.0	98.0	98.0	98.0
GE		90.4	93.2	96.2	97.0	97.8	98.0	98.4	98.4	98.4	98.5	98.5	98.5	98.6	98.6	98.6	98.6
GΕ	1	90.5	93.3	96.3	97.1	98.0	98.1	98.5	98.5	98.5	98.6	98.6	98.6	98.7	98.7	98.7	98.7
GE		90.6	93.4	96.5	97.2	98.1	98.2	98.6	98.6	98.6	98.7	98.7	98.7	98.8	98.8	98.8	98.8
GE	1200	90.8	93.5	96.6	97.3	98.2	98.3	98.7	98.7	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9
GE	1000	l 1 90.8	93.5	96.6	97.3	98.2	98.3	98.7	98.7	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9
GE		90.8	93.5	96.6	97.3	98.2	98.3	98.7	98.7	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9
GE	,	90.8	93.5	96.6	97.3	98.2	98.3	98.7	98.7	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9
GE		90.8	93.7	96.8	97.5	98.4	98.5	98.9	98.9	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1
GE		90.9	93.8	96.9	97.6	98.5	98.6	99.0	99.0	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2
		j															
GE	500	90.9	93.8	97.0	97.7	98.6	98.7	99.1	99.1	99.1	99.2	99.2	99.2	99.4	99.4	99.4	99.4
GE	400	90.9	93.8	97.0	97.7	98.6	98.7	99.1	99.1	99.1	99.2	99.2	99.2	99.4	99.4	99.4	99.4
GE		90.9	93.8	97.1	98.1	98.9	99.0	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7
GE		90.9	93.8	97.1	98.1	99.0	99.1	99.6	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE	100	90.9	93.8	97.1	98.1	99.0	99.1	99.6	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE	000	90.9	93.8	97.1	98.1	99.0	99.1	99.6	99.6	99.6	99.9	99.9	00 0	100.0	100 0	100.0	100.0
GE	0001	70.7	73.0	71.1	70.1	77.0	77.1	77.0	77.0	77.0	77.7	77.7	77.7	100.0	100.0	100.0	100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5 PERIOD OF RECORD: NOV 78 - OCT 88

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	LING								STATUTE								
	N	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
F	ET	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	. 1	3/4	5/8	1/2	3/8	1/4	0
		1															
МО	CEIL	54.7	55.2	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
NO	CEIL	, ,4.7	٦٦.٤	,,,,	JJ.4	33.4	22.4	JJ.4	33.4	JJ.4	JJ.4	JJ.4	JJ.4	٠,٠٠	JJ.4	JJ.4	JJ.4
GE	20000	79.9	80.3	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE	18000	80.0	80.4	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE	16000	81.7	82.2	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE	14000	84.1	84.5	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
	12000		90.0	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
	12000	07.5	,0.0	,0.4	,0.5	,,,,	,,,,		,,,,	,,,,	,,,,	,,,,	,,,,	,,,,	,	,,,,	,,,,
	10000	00.0	00 (03.0	07.1	07.1	07.1	07 1	07.1	07 1	07.1	07.1	07.1	07.1	07 1	07 1	07 1
	10000		92.6	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GΕ	9000	93.5	94.1	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE	8000	94.6	95.3	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE	7000	94.7	95.4	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE	6000 i	94.9	95.6	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE	Soon	95.4	96.0	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
													96.6				
GE		95.4	96.0	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6		96.6	96.6	96.6	96.6
GE		95.5	96.1	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE	3500	95.7	96.3	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE	3000	95.7	96.3	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
	i																
GΕ	2500	95.9	96.6	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE	•	97.0	97.7	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
													99.1				99.1
GE		97.1	97.8	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.1	99.1		99.1	99.1	99.1	
GE		97.5	98.3	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE	1200	97.6	98.4	99.2	99.5	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
	i																
GE	1000	97.6	98.4	99.2	99.5	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE	900 i	97.6	98.4	99.2	99.5	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE		97.6	98.4	99.2	99.5	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
	- •				99.6	99.9	99.9	99.9							100.0	100.0	-
GE		97.6	98.5	99.4					99.9	99.9	100.0	100.0	100.0	100.0			100.0
GE	6001	97.6	98.5	99.4	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	ı																
GE	500	97.6	98.5	99.4	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	400 İ	97.6	98.5	99.4	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		97.6	98.5	99.4	99.6	99.9	99.9	99.9	99.9		100.0	100.0	100.0	100.0	100.0	100.0	100.0
GΕ		97.6	98.5	99.4	99.6	99.9	99.9	99.9	99.9	_	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		97.6	98.5	99.4	99.6	99.9	99.9	99.9	99.9				100.0	100.0	100.0	100.0	100.0
GE	100	41.0	Y0.3	77.4	44.0	77.7	44.4	77.7	77.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	000	97.6	98.5	99.4	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88

LST TO UTC: + 5 MONTH; AUG HOURS: 12-14

				LST	TO UT): + 5					MONTE	1: AUG	HOURS	s: 12-14	•		
CET	LING	• • • • • •	• • • • • • •		· • • • • • •	•••••	VISIRII	TTY IN	STATUTE	MILES	• • • • • •	• • • • • • •		•••••		• • • • • •	
I 30	LING	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FE		7	6	5	4	3	2 1/2	2		1 1/4		3/4	5/	1/2	3/8	1/4	0
	j	' • • • • • • •			.			 .		· ·, ·			-, 				
	1																
NO	CEIL	47.6	48.0	48.0	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
GE	20000	78.3	78.8	78.8	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE	18000	78.3	78.8	78.8	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GΕ	16000	79.0	79.6	79.6	79,8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE	14000	80.3	80.9	80.9	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE	12000	84.3	84.8	84.8	85.1	85.2	85.2	85.2	85.2	85.2	85.2	5.2	85.2	85.2	85.2	85.2	85.2
GE	10000	88.4	88.9	88.9	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE		89.6	90.2	90.2	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GΕ	8000	-	91.8	92.0	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE		91.4	92.2	92.4	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE	,	92.0	92.8	93.0	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93. 5
GE	50001	92.5	93.2	93.4	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE		92.7	93.4	93.9	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE	40001		93.9	94.3	94.7	94.9	94.2	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE		93.4	94.2	94.6	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE		93.8	94.6	95.2	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
	j		05.3	٠.,	07.4	07.5	07.5	07 (07.4	07.4	07.7	07.7	97.7	97.7	97.7	97.7	97.7
GE		94.8	95.7	96.6	97.1	97.5	97.5	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE		95.7	96.8	97.7	98.4	98.8	98.8	98.9	98.9	98.9	99.1	99.1	99.1	99.5	99.5	99.5	99.5
GE		95.9	97.0	98.0	98.6	99.0	99.0	99.1 99.5	99.1 99.5	99.1 99.5	99.4 99.7	99.4 99.7	99.4	99.8	99.8	99.8	99.8
GE		96.1	97.2	98.2 98.2	98.9	99.4	99.4 99.4	99.5	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE	1200]	96.1	97.2	90.2	98.9	99.4	99.4	77.7	99.3	99.3	77.1	77.1	77.1	77.0	77.0	77.0	77.0
GΕ	1000	96.1	97.2	98.2	98.9	99.4	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE	900	96.1	97.2	98.2	98.9	99.4	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99. ኖ
GΕ	800	96.1	97.2	98.2	98.9	99.4	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE		96.1	97.2	98.2	98.9	99.4	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GΕ	600	96.1	97.2	98.2	98.9	99.5	99.6	99.7	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE	500 l	96.1	97.2	98.2	98.9	99.5	99.6	99.7	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE		96.1	97.2	98.2	98.9	99.5	99.6	99.7	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE		96.1	97.2	98.2	98.9	99.5	99.6	99.7	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE		96.1	97.2	98.2	98.9	99.5	99.6	99.7	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE		96.1	97.2	98.2	98.9	99.5	99.6	99.7	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
	222			00.5	00.0	00 "	00.4	· -	oo =	oo 3	~ ^	~ ~	~ ^	100.0	100.0	100.0	100.0
GE	000	96.1	97.2	98.2	98.9	99.5	99.6	99.7	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0

OPERATING LOCATION "A" USAFETAC, ASHEVILLE NC PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88

				LST	TO UTO	: + 5					MONTH	: AUG	HOURS:	15-17			
CEIL	INC	• • • • • •			••••	• • • • • •	VISIRII	 ITY IN	STATUTE	MILES	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •
IN		GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEE		7	6	5	4	3	2 1/2	2			1	3/4	5/8	1/2	3/8	1/4	0
	1	İ															
NO C	EIL	40.0	40.4	40.4	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
GE 2	0000	76.9	77.4	77.4	78.1	78.1	78,1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
	8000		77.7	77.7	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
	6000		77.7	77.7	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 14	4000 i	78.0	79.2	79.2	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 13	2000	8 1.0	82.3	82.3	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GF 16	nnnn i	86.0	87.4	87,4	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
	9000 I		89.7	89.8	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90,4	90.4	90.4	90.4	90.4
	,	90.1	91.8	91.9	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
	7000		92.2	92.3	92.9	92.9	92.9	92.9	92.9	92,9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
	•	90.2	92.2	92.3	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
CE 1	5000 l	90.5	02.7	02.0	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
		90.8	92.7 93.1	92.8 93.2	93.4	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
		91.2	93.8	94.0	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
		91.6	94.2	94.5	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
		92.0	94.6	94.9	95.8	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
UL .	 	,2.0	,4.0	,4.,	73.0	,,,,	,,,,	,,,,	,0.0	,0.0	70.0	,	,0.0	70.0	,0.0	70.0	,0.0
GE 3	2500 j	92.6	95.3	95.7	96.7	97.0	97.0	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE a	2000 j	93.3	96.2	96.7	97.6	98.0	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.4	98.4	98.4	98.4
GE 1	1800	93.4	96.3	96.8	97.7	98.1	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.5	98.5	98.5	98.5
		93.9	96.8	97.2	98.2	98.8	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.4	99.4	99.4	99.4
GE	1200	93.9	96.8	97.2	98.2	98.9	98.9	98.9	99.1	99.1	99.2	99.2	99.2	99.7	99.7	99.7	99.7
GE .	1000	93.9	96.8	97.2	98.2	98.9	98.9	98.9	99.1	99.1	99.2	99.2	99.2	99.7	99.7	99.7	99.7
GE		93.9	96.8	97.2	98.2	98.9	98.9	98.9	99.1	99.1	99.2	99.2	99.2	99.7	99.7	99.7	99.7
GE	800	93.9	96.8	97.2	98.3	99.0	99.0	99.1	99.4	99.4	99.5	99.5	99.5	99.9	99.9	99.9	99.9
GE	700	93.9	96.8	97.2	98.3	99.0	99.0	99.1	99.4	99.4	99.5	99.5	99.5	99.9	99.9	99.9	99.9
GE	600	93.9	96.8	97.2	98.3	99.0	99.0	99.1	99.4	99.4	99.5	99.5	99.5	99.9	99.9	99.9	99.9
GE	5001	93.9	96.8	97.2	98.3	99.1	99.1	99.2	99.5	99.5	99.6	99.6	99.6	100.0	100.0	100.0	100.0
		93.9	96.8	97.2	98.3	99.1	99.1	99.2	99.5	99.5	99.6	99.6	99.6	100.0	100.0	100.0	100.0
GE GE		93.9	96.8	97.2	98.3	99.1	99.1	99.2	99.5	99.5	99.6	99.6	99.6	100.0	100.0	100.0	100.0
GE	,	93.9	96.8	97.2	98.3	99.1	99.1	99.2	99.5	99.5	99.6	99.6	99.6	100.0	100.0	100.0	100.0
GE		93.9	96.8	97.2	98.3	99.1	99.1	99.2	99.5	99.5	99.6	99.6	99.6	100.0	100.0	100.0	100.0
JL	ادد،	,,,,	,0.5	,,,,	,0.5	77.1	,,,,	,,	,,,,		.,,5	,,	,,,,	.00.0	.00.0		, , , , ,
GE	000	93.9	96.8	97.2	98.3	99.1	99.1	99.2	99.5	99.5	99.6	99.6	99.6	100.0	100.0	100.0	100.0
			• • • • • •			• • • • • •				• • • • • •	• • • • • •						• • • • •

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5 MONTH: AUG HOURS: 18-20 VISIBILITY IN STATUTE MILES CEILING GE GF GE GE GE GE GE GE GE GE GE IN FEET | 7 6 2 5 4 3 2 1/2 1 1/2 1 1/4 1 3/4 5/8 1/2 3/8 1/4 - (..... 38.0 38.0 38.1 79.2 79.5 79.5 79.5 79.5 79.5 79.5 79.1 GE 20000| 77.0 77. 78.7 79.4 79.5 79.5 79.5 79.5 79.4 79.5 79.6 79.6 79.6 79. GE 18000 77.1 78.0 78.8 79.6 79.6 79.6 79.6 79.6 79.6 79.6 GE 16000 77.2 78.1 78.9 79.5 79.6 79.7 79.7 79.7 79.7 79.7 79.7 79.7 79.7 79.7 79.7 79. 80.3 80.4 80.5 GE 14000 77.8 78.9 79.8 80.5 80.5 80.5 80.5 80.5 80.5 80.5 80.5 80.5 80. 82.7 83.2 83.3 83.4 83.4 83.4 83.4 83.4 83.4 83.4 83.4 83.4 83.4 83. GE 12000 80.5 81.8 90.1 90.1 90.1 88.2 89.2 89.8 90.0 90.1 90.1 90 1 90 1 90.1 90.1 90.1 90 GE 10000| 86.5 GE 90001 88.1 89.8 91.2 91.7 91.9 92.0 92.0 92.0 92.0 92.0 92.0 92.0 92.0 92.0 92.0 92. 8000 90.2 92.3 93.8 94.4 94.6 94.7 94.7 94.7 94.7 94.7 94.7 94.7 94.7 94.7 94.7 94. GE 94.6 7000 90.4 94.0 94.8 94.9 94.9 94.9 94.9 94.9 94.9 94.9 94.9 94.9 94.9 94 GE 92.5 95.1 6000| 90.5 92.6 94.1 94.7 94.9 95.1 95.1 95.1 95.1 95.1 95.1 95.1 95.1 95.1 95. GE GE 5000| 90.6 92.8 94.3 94.9 95.2 95.3 95.3 95.3 95.3 95.3 95.3 95.3 95.3 95.3 95.3 95. 4500 90.9 93.0 94.5 95.2 95.4 95.5 95.5 95.5 95.5 95.5 95.5 95.5 95.5 95.5 95.5 95. GE $\varphi^{c}=_{1}$ 95.7 4000 91.3 93.5 95.9 96.0 96.0 96.0 96.0 96.0 96.0 96.0 96.0 96.0 96.0 96. GE 3500 91.6 94.9 96.0 96.2 96.3 96.3 96.3 96.3 96.3 96.3 96.3 96. GE 15.4 96.3 96.3 96.3 GE 3000 92.0 96.1 96.8 97.0 97.1 97.1 97.2 97.2 97.2 97.2 97.2 97.2 97.2 97.2 97. - 4 د.92 | 2500 94.6 96.3 97.0 97.3 97.4 97.5 97.5 97.5 97.5 97.5 97.5 97.5 97.5 97 97.4 GE 5. دُو ا 2000 95.9 97.7 98.4 98.7 98.8 98.8 98.9 98.9 99.0 99.0 99.0 99.0 99.0 99.0 99. GE GE 1800 | 93.7 96.0 98.0 98.6 98.9 99.0 99.0 99.1 99.1 99.2 99.2 99.2 99.2 99.2 99.2 99. 98.1 98.8 99.1 99.2 99.4 99.7 99 7 99.7 99 7 99.7 99 1500 93.8 96.1 99.5 99.5 99.7 GΕ GE 200| 93.8 96.1 98.2 98.9 99.2 99.4 99.5 99.6 99.6 99.8 99.9 99.9 99.9 99.9 99.9 99 98.2 99.2 99.6 99.9 1000 | 93.8 96.1 98 9 99.4 99.5 99.6 99.8 99.9 99.9 00 0 99.9 00 GE 900 93.8 96.1 98.2 98.9 99.2 99.4 99.5 99.6 99.6 99.8 99.9 99.9 99.9 99.9 99.9 99. GE GE 800 93.8 96.1 98.2 98.9 99.2 99.4 99.5 99.6 99.6 99.8 99.9 99.9 99.9 99.9 99.9 99. 98.2 99.5 99. 700 93.8 96.1 98.9 99.2 99.6 99.8 99.9 99.9 99.9 99.9 GE 99.4 99.6 99.9 600 93.8 96.1 98.2 98.9 99.2 99.4 99.5 99.6 99.6 99.8 99.9 99.9 99.9 99.9 99.9 99. GE 99.5 98.2 98.9 99.2 99.6 99.9 99.9 99 5001 93.8 96.1 99.4 99.6 99.8 99.9 99.9 99.9 GF 99.6 400 | 93.8 96.1 98.2 98.9 99.2 99.4 99.5 99.6 99.8 99.9 99.9 99.9 99.9 99.9 99. GE GE 300 93.8 96.1 98.2 98.9 99.2 99.4 99.5 99.6 99.6 99.8 99.9 99.9 99.9 99.9 99.9 99. 98.2 GE 200 | 93.8 96.1 98.9 99.2 99.4 99.5 99.6 99.6 99.8 99.9 99.9 100.0 100.0 100.0 100. 99.5 100 93.8 98.9 99.4 99.6 99.8 GE 96.1 98.2 99.2 99.6 99.9 99.9 100.0 100.0 100.0 100. GE 000| 93.8 96.1 98.2 98.9 99.2 99.4 99.5 99.6 99.6 99.8 99.9 99.9 100.0 100.0 100.0 100.

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5 MONTH: AUG HOURS: 21-23

				20		•• • •					11011	AUG	HOOKS	. 21 23	,		
CE	ILING	• • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • •	• • • • • •	• • • • • •	VICIDI		STATUT		• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	
	IN	l GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	cr
	EET	7	6	5	4	3	2 1/2			1 1/4		3/4	5/8	1/2	3/8		GE
r	261	, ,	0	,	4	3	2 1/6		1 1/2	1 1/4	' '	3/4	3/6	1/2	3/0	1/4	0
•••	•••••		•••••	• • • • • • •	• • • • • • •			• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •
MO	CEIL	53.2	53.5	54.7	54.8	54.8	54.9	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
NO	CLIL	1 73.2	,,,,	54.7	74.0	54.0	34.7	٥,٠٤	١,٠٠	٥٥.٤	٥٠.٤	33.2	٥٥.٤	33.2	33.2	33.2	22.2
GE	20000	, i 81 0	82.8	84.0	84.3	84.3	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
	18000	,	82.9	84.1	84.4	84.4	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
	16000		83.0	84.2	84.5	84.5	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
	14000		83.8	84.9	85.3	85.3	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
	12000		85.8	87.0	87.3	87.3	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
- CC	12000	1 04.7	07.0	07.0	07.5	07.5	07.4	0,.0	0,.0	67.0	0,.0	0,.0	o, .0	67.0	67.0	67.0	01.0
GF	10000	90.1	91.1	92.3	92.6	92.6	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE	- 1	92.2	93.1	94.3	94.6	94.6	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE		94.2	95.2	96.3	96.7	96.7	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE	,	94.3	95.3	96.6	96.9	96.9	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE		94.3	95.3	96.6	96.9	96.9	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
ű.	0000	74.3	73.3	70.0	,0.,	70.7	77.0	71.2	77.2	71.2	71.2	71.2	71.2	71.2	71.2	91.2	77.2
GE	5000	94.3	95.3	96.6	96.9	96.9	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE		94.8	95.9	97.2	97.5	97.5	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE		94.9	96.0	97.3	97.6	97.6	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE		95.4	96.6	97.8	98.2	98.2	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE		95.6	96.8	98.1	98.4	98.4	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
			,,,,	,	70.7	,0.4	,,,,	,	,	,,,,	, , , ,	,	,	,	,	70.7	70.7
GΕ	2500	95.9	97.1	98.6	98.9	98.9	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE	2000 [96.0	97.2	98.7	99.1	99.1	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE		96.2	97.4	98.9	99.4	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE		96.2	97.4	99.0	99.5	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE		96.2	97.4	99.0	99.5	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
	i							,,,,	,,,,	,,,,	,,,,	,,,,	,,,,	,,,,	,,,,	//.0	,,
GE	1000	96.3	97.5	99.1	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE	900 j	96.3	97.5	99.1	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
G€	800	96.3	97.5	99.1	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE	700	96.3	97.5	99.2	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	600	96.3	97.5	99.2	99.7	99.7	99.8	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
	ì																
GE	500 j	96.3	97.5	99.2	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GΕ	400	96.3	97.5	99.2	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	300 j	96.3	97.5	99.2	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	200 j	96.3	97.5	99.2	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	100 i	96.3	97.5	99.2	99.7	99.7	99.8	100.0			100.0	100.0	100.0	100.0	100.0	100.0	100.0
	i													,			
GE	000	96.3	97.5	99.2	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER - 747045 STATION NAME: NASA SHUTTLE LANDING FOLTY FL PERIOD OF RECORD: NOV 78 - OCT 88

		IUMBER:		121	TO LITE	. + 5			DING FCL		MONTI		RECORD: HOURS:		3 - OCT	88	
					• • • • • • • • • • • • • • • • • • • •				 TE MILES			GE	GE	GE G	E GE	GE	 GE
	LING	GE	GE	GE	GE						·	GE	ĢĽ	uc u	E GE	GE	GE
GE	GE ET	7	6	5	4	3	2 1/2	. 2		1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
r	:E1 [1 1/4		3,4	3,0	., _	3,0	1,74	Ů
•••				•••••							• • • • • •					• • • • • • •	
NO	CEIL	53.7	54.4	55.2	55.6	55.8	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
GF	20000	80.3	81.4	82.3	82.8	83.1	83.1	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3
	18000		81.5	82.4	82.9	83.2	83,2	83.3	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4
	16000		82.0	82.9	83.4	83.7	83.7	83.8	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9
	14000		83.1	84.1	84.6	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.1	85.1	85.1	85.1
	12000		86.4	87.4	87.8	88.1	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
	j																
GE	10000	89.0	90.3	91.4	91.8	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE	9000 j	90.5	91.9	92.9	93.4	93.7	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
ĢΕ	8000	91.8	93.2	94.3	94.8	95.1	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE	7000	92.0	93.4	94.5	95.0	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE	6000	92.2	93.7	94.8	95.3	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
	Ì																
GE	5000	92.5	94.0	95.1	95.6	95.9	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE	4500	92.7	94.3	95.4	95.9	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.5	96.5	96.5	96.5
ĢE	4000	93.0	94.5	95.7	96.3	96.6	96.6	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE	3500	93.3	94.9	96.0	96.6	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE	3000	93.5	9 5.1	96.3	96.9	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
	ļ																
GE	2500		95.4	96.7	97.3	97.7	97.8	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE	2000)		96.1	97.6	98.2	98.6	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE		94.5	96.3	97.7	98.3	98.8	98.8	98.9	99.0	99.0	99.0	99.0	99.0		99.1	99.1	99.1
GE		94.7	96.5	97.9	98.6	99.1	99.1	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE	1200	94.8	96.5	98.0	98.6	99.2	99.2	99.3	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6
	!																
GE		94.8	96.5	98.0	98.7	99.2	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6
GE	,	94.8	96.6	98.1	98.7	99.2	99.3	99.4	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7
GE	,	94.8	96.6	98.1	98.7	99.2	99.3	99.4	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7
GE		94.9	96.6	98.2	98.8	99.3	99.4	99.5	99.6	99.6	99.7	99.7	99.7		99.8	99.8	99.8
GE	6 00 (94.9	96.6	98.2	98.8	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
C.F.	FOCI	0/ 0	04.7	00.3	00.0	00. /	00 5	00.4	00.7	00.7	00.0	00.0	00.0	00.0	00.0	00.0	00.0
GE	,	94.9	96.7	98.2	98.9	99.4	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE	,	94.9	96.7	98.2	98.9	99.4	99.5	99.7	99.7 99.7	99.7	99.8	99.8	99.8		99.9	99.9	99.9
GE	,	94.9	96.7	98.2	98.9	99.5	99.5 99.6	99.7	99.7 99.7	99.7 99.7	99.8 99.9	99.9 99.9	99.9 99.9	99.9 100.0	99.9 100.0	99.9 100.0	99.9
GE		94.9	96.7 96.7	98.2 98.2	98.9 98.9	99.5 99.5	99.6	99.7 99.7	99.7 99.7	99.7 99.7	99.9	99.9	99.9		100.0	100.0	100.0
GE	1001	94.9	40.1	70.4	¥0.¥	44.5	77.0	77.1	77.1	77.1	77.7	77.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

000 94.9 96.7 98.2 98.9 99.5 99.6 99.7 99.7 99.9 99.9 99.9 100.0 100.0 100.0 100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5 POINTH: SEP HOURS: 00-02

				LST	10 010	: + >					MUNI	H: SEP	HOURS	: 00-02			
CET	LING	• • • • • •		• • • • • • •	• • • • • • •	• • • • • •	VISIBIL	ITY IN	STATUTE	MILES		• • • • • • •		• • • • • •	• • • • • • •		• • • • • •
	N I	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
	ET	7	6	5	4	3	2 1/2	2		1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
		, 															
	ļ																
NO	CEIL	59.9	60.4	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
-	30000	01.2	01.0	82.4	82.8	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
	20000 18000		81.9 82.2	82.8	83.1	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
	16000		82.2	82.8	83.1	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
	14000		82.4	83.0	83.3	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
	12000		84.8	85.3	85.7	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
-	12000		04.0	05.5	05.1	05.1	05.1						-2			0210	02.0
GE	10000	88.4	89.1	89.7	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE		90.7	91.3	91.9	92.2	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE		91.6	92.2	92.9	93.2	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE	7000	92.1	92.8	93.4	93.8	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE	6000	92.2	92.9	93.6	93.9	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
	Ì																
GE	5000	92.8	93.4	94.1	94.4	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
ůΕ	4500	93.6	94.2	94.9	95.2	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE	4000	93.7	94.6	95.2	95.6	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE	3500	94.1	95.0	95.7	96.0	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GΕ	3000 [94.7	95.6	96.2	96.6	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE	,	95.3	96.3	97.2	97.6	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE		96.4	97.7	98.6	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE		96.4	97.7	98.6	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE		96.8	98.0	98.9	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4 99.4
GE	1200]	96.8	98. 0	98.9	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE	10001	96.9	98,1	99.0	99.3	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE		96.9	98.1	99.0	99.3	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE	,	96.9	98.1	99.0	99.3	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE		96.9	98.1	99.0	99.3	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE	,	96.9	98.1	99.0	99.3	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
	1																
GΕ	500	96.9	98.1	99.0	99.3	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE	400	97.0	98.2	99.1	99.4	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	300	97.0	98.2	99.1	99.4	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	200	97.0	98.2	99.1	99.4	99.7	99.7	99.8	99.8	9.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	100	97.0	98.2	99.1	99.4	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	Ì																
GE	000	97.0	98.2	99.1	99.4	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		<i>.</i>					<i></i> .										

PERENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5 MONTH: SEP HOURS: 03-05

				LST	TO UT	: + 5					MONT	H: SEP	HOURS	3: 03-05	,		
CEL	LING			• • • • • • •	• • • • • • •	• • • • • • •	VISIBII	ITY IN	STATUTE	MILES	• • • • • •		• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •
11		GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEI		7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
		, , , , , , , , , , , , , , , , , , ,			.												
	1					_											
NO (CEIL	63.0	64.9	66.0	67.0	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 3	20000	79.2	81.2	82.3	83.4	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE	18000	79.2	81.2	82.3	83.4	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE	16000	79.4	81.4	82.6	83.7	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE	14000	79.4	81.4	82.6	83.7	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE	12000	81.4	83.4	84.6	85.7	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GF .	 10000	85.9	87.9	89.0	90.1	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE	,	87.6	89.6	90.7	91.8	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE		88.8	90.8	91.9	93.0	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE	,	89.4	91.4	92.6	93.7	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE		89.4	91.4	92.6	93.7	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
OL.	0000	1	, · · · ·	,	,,,,	,3.0	,,,,		,,,,,	,,,,	,31,	-3.,	,5.,	,,,,	,,,,		,,,,,
GΕ	5000	89.9	91.9	93.0	94.1	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GΕ	4500	90.3	92.3	93.6	94.7	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE	4000	90.7	92.7	93.9	95.0	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE	3500	91.4	93.4	94.7	95.8	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
G€	3000	92.3	94.4	95.7	96.8	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97. 0	97.0	97.0	97.0
GE	2500 I	92.3	94.6	45.8	96.9	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE		93.2	95.7	97.0	98.2	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE		93.2	95.8	97.2	98.4	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE		93.4	96.0	97.6	98.8	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE	,	93.4	96.0	97.6	98.8	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GL	1200	73.4	70.0	77.0	70.0	****	77.0	77.1	,,	,,,,	,,,,	,,	,,,,	,,,,	,,,,	,,.,	,,,,
GE	1000	93.4	96.0	97.6	98.8	99.1	99.1	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE	900	93.6	96.1	97.7	98.9	99.2	99.2	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE	800	93.6	96.1	97.7	98.9	99.2	99.2	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE	700	93.7	96.2	97.8	99.0	99.3	99.3	99.4	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE	600	93.7	96.2	97.8	99.0	99.3	99.3	99.4	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE	500 I	93.8	96.3	97.9	99.1	99.4	99.4	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE		93.8	96.3	97.9	99.1	99.4	99.4	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE	- 1	93.8	96.3	97.9	99.1	99.4	99.4	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE		93.8	96.3	97.9	99.1	99.4	99.4	99.6	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE	. ,	93.8	96.3	97.9	99.1	99.4	99.4	99.6	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
				,,			,,,,	. ,									, , , , ,
GE	000	93.8	96.3	97.9	99.1	99.4	99.4	99.6	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5 POURS: 06-08

CE.	IL INC	• • • • • • •		• • • • • • •	• • • • • • •	• • • • • • •	VICIDII		CTATUTE	MILEC	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •
	ILING In	l ce	GE	GE	GE	GE	GE	GE	I STATUTE GE	GE	GE	GE	GE	C.E	CE	cr	0.5
	EET	GE 7	6	υ <u>ε</u> 5	4	3	2 1/2	2		1 1/4	1	3/4	5/8	GE 1/2	GE 3/8	GE	GE
rı	CEI	, ,	0	,	4	3	2 1/2	2	1 1/2	1 1/4	'	3/4	2/0	1/2	3/0	1/4	0
• • •	• • • • • •	1	• • • • • • •	• • • • • • •		• • • • • •	• • • • • • • •		•••••	• • • • • • •		• • • • • • • •	• • • • • •		• • • • • •		• • • • • •
MO	CEIL	1 51.9	53.1	54.2	55.1	55.3	55.3	55.3	55.3	55.3	55.7	55.7	55.7	55,7	55.7	55.7	55.7
NO	CLIL	1 31.7	73.1	74.2	22.1	22.3	,,,,	,,,,	٠.٠	,,,,	33.7	22.1	33.1	١٠.١	22.1	22.1	22.1
GE	20000	72.9	74.4	76.2	77.6	77.9	77,9	78.0	78.0	78.0	78.4	78.4	78.4	78.4	78.4	78.4	78,4
		73.1	74.7	76.4	77.8	78.1	78.1	78.2	78.2	78.2	78.7	78.7	78.7	78.7	78.7	78.7	78.7
	16000		75.6	77.3	78.7	79.0	79.0	79.1	79.1	79.1	79.6	79.6	79.6	79.6	79.6	79.6	79.6
	14000		77.2	79.0	80.3	80.7	80.7	80.8	80.8	80.8	81.2	81.2	81.2	81.2	81.2	81.2	81.2
	12000	•	80.3	82.1	83.4	83.8	83.8	83.9	83.9	83.9	84.3	84.3	84.3	84.3	84.3	84.3	84.3
Ü.	12000	1 70.0	00.5	OL. I	05.4	05.0	05.0	03.7	43.7	03.,	04.3	04.5	04.5	04.5	04.5	04.5	د. بس
GF	10000	83.9	85.4	87.3	88.7	89.0	89.0	89.1	89.1	89.1	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE		84.9	86.4	88.3	89.7	90.0	90.0	90.1	90.2	90.2	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE		86.0	87.6	89.4	90.8	91.1	91.1	91.2	91.3	91.3	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE		86.2	87.8	89.7	91.0	91.3	91.3	91.4	91.6	91.6	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE		86.3	87.9	89.8	91.1	91.4	91.4	91.6	91.7	91.7	92.1	92.1	92.1	92.1	92.1	92.1	92.1
O.L	0000	1 00.5	07.7	37.0	71.1	71,4	71.4	71.0	71.7	71.7	74.1	72.1	72.1	72.1	72.1	72.1	72.1
GE	5000	86.8	88.3	90.2	91.6	91.9	91,9	92.0	92.1	92.1	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE		87.9	89.4	91.4	92.8	93.1	93.1	93.2	93.3	93.3	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE		88.0	89.8	91.8	93.1	93.4	93.4	93.6	93.7	93.7	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE		88.2	90.0	92.0	93.6	93.9	93.9	94.0	94.1	94.1	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE		88.7	90.4	92.4	94.0	94.3										_	
GE	2000	1 00.7	90.4	92.4	94.0	94.3	94.3	94.4	94.6	94.6	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE	2500	89.0	90.9	92.9	94.6	94.9	94.9	95.0	95.1	95.1	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE		90.9	93.0	95.2	97.0	97.4	97.4	97.6	97.7	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE		90.9	93.0	95.2	97.0	97.4	97.4	97.6	97.7	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE	1500		93.0	95.2	97.0	97.4	97.4	97.6	97.7	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE		91.1	93.2	95.8	97.6	98.0	98.0	98.2	98.3	98.3	98.8	98.8	98.8	98.8	98.8	98.8	98.8
O.C	,200	, ,,, 	73.6	77.0	71.0	70.0	70.0	70.2	90.3	70.5	70.0	70.0	70.0	90.0	70.0	90.0	90.0
GE	1000	91.1	93.2	95.9	97.7	98.1	98.1	98.3	98.4	98.4	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE		91.1	93.2	95.9	97.7	98.1	98.1	98.3	98.4	98.4	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE		91.2	93.3	96.0	97.8	98.2	98.2	98.4	98.6	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE		91.6	93.7	96.3	98.1	98.6	98.6	98.8	98.9	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE		91.6	93.7	96.3	98.1	98.6	98.6	98.8	98.9	98.9	99.4	99.4	99.4	99.4	99.4	99.4	9.4
O.L	000]	73.1	70.5	70. 1	70.0	70.0	70.0	90.9	70.7	77.4	77.4	77.4	77.4	77.4	77.4	9.4
GE	500	91.6	93.7	96.3	98.1	98.6	98.6	98.9	99.0	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE		91.6	93.7	96.3	98.1	98.6	98.6	98.9	99.1	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE		91.6	93.7	96.3	98.1	98.6	98.6	99.0	99.2	99.2	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE		91.6	93.7	96.3	98.1	98.6	98.6	99.0	99.2	99.2	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE		91.6	93.7	96.3	98.1	98.6	98.6	99.0	99.2	99.2	99.8	99.9	99.9	100.0	100.0	100.0	100.0
O.L	100)	1	/3.1	70.5	70.1	70.0	70.0	,,,,	77.6	77.6	77.0	77.7	77.7	100.0	100.0	100.0	100.0
GE	ດດດ	91.6	93,7	96.3	98.1	98.6	98.6	99.0	99.2	99.2	99.8	99.9	90 0	100.0	100.0	100.0	100.0
		, , ,	, , , ,		, , , ,	,0.0	,0.0	,,,,	77.6	,,.L	,,,,	**.*	,,,,	,00.0	100.0	100.0	100.0
				• • • • • • •	. <i></i>	• • • • • •					• • • • • •	• • • • • • •	• • • • • •	• • • • • •		• • • • • • •	• • • • •

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5 MONTH: SEP HOURS: 09-11

				LSI	10 010	:: + >					MUN I	H: SEP	HOORS	5: U9-11	ľ		
CEI	LING	• • • • • •					VISIBI	LITY II	N STATUI	TE MILES	 S		•••••	• • • • • •	•••••	• • • • • •	• • • • • •
13		GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FE	ET	7	6	5	4	3	2 1/2	2	1 1/2	2 1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
	••••		• • • • • • •	• • • • • • •				• • • • • •	• • • • • • •			• • • • • • •	• • • • • •	• • • • • •	• • • • • •		• • • • •
МО (EIL I	46.1	46.2	47.4	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
NO (eir	40.1	40.2	47.4	41.1	41.1	47.7	71.1	47.7	41.1	47.7	47.7	41.1	47.7	47.7	41.1	47.7
GE 2	20000	71.0	71.1	72.4	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
		71.2	71.3	72.7	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
		71.3	71.4	72.8	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE	14000	73.4	73.6	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE '	12000	79.0	79.1	80.4	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
		ĺ															
		83.7	83.8	85.3	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE		85.7	85.8	87.4	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE		86.9	87.0	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE		86.9	87.0	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE	6000	87.0	87.1	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89. 0
GE	5000	88.1	88.2	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE		89.9	90.0	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE	,	90.3	90.4	92.1	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE	,	91.3	91,4	93.3	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE		92.0	92.1	94.0	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
		1															• =
GE	2500	92.7	92.9	94.8	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE	2000	95.0	95.6	97.4	97.9	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE	1800	95.1	95.7	97.7	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE	1500	95.3	95.9	97.9	98.3	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE	1200	96.0	96.6	98.6	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE		96.0	96.6	98.7	99.1	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE		96.1	96.7	98.8	99.2	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE	,	96.2	96.8	98.9	99.3	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE		96.4	97.0	99.1	99.6	99.8 99.8	99.8	100.0	100.0 100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	0001	96.4	97.0	99.1	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	5001	96.4	97.0	99.1	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	,	96.4	97.0	99.1	99.6	99.8	99.8	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		96.4	97.0	99.1	99.6	99.8	99.8	100.0			100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		96.4	97.0	99.1	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	,	96.4	97.0	99.1	99.6	99.8		100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
	Ì																
GE	000	96.4	97.0	99.1	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5 Phours: 12-14

				LS	10 010	.: + 3					MONTH	: SEP	HOUKS	12-14			
		• • • • • • •	• • • • • • •	• • • • • •		• • • • • •			STATUTE		• • • • • •	• • • • • •	• • • • • •		• • • • • • •	• • • • • • •	• • • • • •
	ILING		٥.	C.E.	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
	IN	GE	GE	GE 5	4 4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
H	EET	7	6	כ	4	3	2 1/2	2	1 1/2	1 1/4	'	3/4	3/6	1/2	3/0	1/4	U
• • •	•••••		• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •		• • • • • •	• • • • • •				• • • • • •	• • • • • •	• • • • • •
			/7 1	/ 7 0	/7.0	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
NO	CEIL	47.1	47.1	47.9	47.9	47.9	47.9	47.9	47.7	47.9	47.7	47.9	47.9	47.9	47.9	47.9	47.9
	20000	1 7,	7	75 7	76 7	75 7	75 7	75 7	70 7	7E 7	7 E 7	75 7	75 7	75 7	75 7	75 7	70 7
	20000	,	74.6	75.3	75.3	75.3 75.3	75.3 75.3	75.3 75.3	75.3 75.3	75.3 75.3	75.3 75.3	75.3 75.3	75.3 75.3	75.3 75.3	75.3 75.3	75.3 75.3	75.3 75.3
	18000	•	74.6	75.3	75.3	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6			75.6
	16000		74.8	75.6	75.6										75.6	75.6	
	14000		75.9	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE	12000	80.9	80.9	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
C.E.	10000	 04.7	86.3	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
		1			89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE		88.2	88.2	89.0		90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE		89.0	89.1	89.9	90.0								90.0	90.0	90.0		
GE		89.1	89.2	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1				90.1	90.1 90.3
GΕ	6000	89.3	89.4	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
٥.	5000	1 00 0	00.0	00.0	00.0	00.0	90.9	00.0	00.0	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE		89.9	90.0	90.8	90.9	90.9		90.9	90.9				91.4				91.4
GE		90.4	90.6	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4		91.4	91.4	91.4	
GE		91.1	91.4	92.3	92.4	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE		91.6	92.0	93.0	93.1	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE	3000	92.4	93.0	94.0	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
	35.00	07.7	0/ 3	05.7	05.4	or /	or ,	05 (OF (05 (05 (OF (05 (05 (05 /	05 (05 (
GE		93.7	94.2	95.3	95.4	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE		95.6	96.2	97.4	97.7	98.0	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4
GE		95.8	96.4	97.7	97.9	98.2	98.2	98.4	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7
GE		96.1	96.9	98.1	98.3	98.8	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2
GE	1200	96.3	97.1	98.3	98.6	99.0	99.0	99.2	99.3	99.3	99.3	99.4	99.4	99.6	99.6	99.6	99.6
GE	1000	96.4	97.2	98.4	98.7	99.4	99.4	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE		96.4	97.2	9.4	98.7	99.4	99.4	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE		96.4	97.2	98.4	98.7	99.4	99.4	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0
					98.7	99.4	99.4	99.7				99.9	99.9	100.0	100.0	100.0	100.0
GE		96.4	97.2	98.4					99.8	99.8	99.8						
GE	600	96.4	97.2	98.4	98.7	99.4	99.4	99.7	99.8	99.8	99.8	9.9	99.9	100.0	100.0	100.0	100.0
GE	5001	96.4	97.2	98.4	98.7	99.4	99.4	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0
						99.4	99.4										
GE		96.4 96.4	97.2 97.2	98.4	98.7 98.7	99.4	99.4	99.7 99.7	99.8 99.8	99.8 99.8	99.8 99.8	99.9 99.9	99.9 99.9	100.0	100.0	100.0	100.0
GE		96.4	97.2	98.4 98.4	98.7	99.4	99.4	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE					98.7								99.9				
GE	100	96.4	97.2	98.4	90.7	99.4	99.4	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0
C.F	000	04 /	07.2	08 /	08.7	00 /	00 /	00.7	00.0	00.0	00.0	00.0	00.0	100.0	100.0	100.0	100.0
GE	000	96.4	97.2	98.4	98.7	99.4	99.4	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0
• • •	• • • • • •	• • • • • • •				• • • • • • •	• • • • • • •	• • • • • •	• • • • • • • •	• • • • • •	• • • • • •	• • • • • •	•••••	• • • • • •	• • • • • • •		• • • • • •

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 STATION NUMBER: 747945 LST TO UTC: + 5 MONTH: SEP HOURS: 15-17 CEILING VISIBILITY IN STATUTE MILES GE GE GE GE 2 1/2 2 GE GE GE GE GE GE IN GE FEET | 7 3 1 1/2 1 1/4 1 4 2 1/2 5/8 1/2 0 5 3/4 3/8 1/4 6 43.3 43.3 43.3 43.3 43.3 43.3 69.8 69.8 69.8 69.8 69.8 69.8 69.8 69.8 GE 20000 69.2 69.6 69.8 69.8 69.8 69.8 69.8 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 GE 18000 69.4 69.8 70.2 70.2 70.2 70.2 70.2 GE 160001 69.7 70.0 70.2 70.2 70.2 70.2 70.2 70.2 70.2 70.2 70.2 72.0 72.0 72.0 72.0 72.0 72.0 72.0 72.0 72.0 72.0 72.0 72.0 72.0 72.0 GE 14000 71.4 71.8 76.7 76.7 76.7 76.7 76.7 76.7 76.7 GE 120001 76.0 76.4 76.7 76.7 76.7 76.7 76.7 76.7 76.7 10000 83.4 84.0 84,4 84.4 84.4 84.4 84.4 84.4 84.4 84.4 84.4 84.4 84.4 84.4 84.4 84.4 GE 87.1 87.1 87.1 GE 9000 85.7 86.2 87.1 87.1 87.1 87.1 87.1 87.1 87.1 87.1 87.1 87.1 87.1 88.3 88.3 88.3 88.3 88.3 88.3 88.3 88.3 88.3 88.3 88.3 88.3 88.3 GE 8000| 86.9 87.4 88.3 GΕ 7000| 87.0 87.6 88.4 88.4 88.4 88.4 88.4 88.4 88.4 88.4 88.4 88.4 88.4 88.4 88.4 88.4 6000[87.0 87.6 88.4 88.4 88.4 88.4 88.4 88.4 88.4 88.4 88.4 88.4 88.4 88.4 88.4 88.4 GE 5000 87.9 88.6 89.4 89.4 89.4 89.4 89.4 89.4 89.4 89.4 89.4 89.4 89.4 89.4 89.4 89.4 GF 4500| 89.2 89.9 91.0 91.0 91.0 91.0 91.0 91.0 91.0 91.0 91.0 91.0 91.0 91.0 91.0 91.0 GE 91.3 91.3 91.3 91.3 91.3 91.3 91.3 91.3 GE 4000| 89.6 90.2 91.3 91.3 91.3 91.3 91.3 91.3 GE 3500 90.0 90.7 92.0 92.0 92.0 92.0 92.0 92.0 92.0 92.0 92.0 92.0 92.0 92.0 92.0 92.0 3000 91.3 92.2 93.6 93.7 93.7 93.7 93.7 93.7 93.7 93.7 93.7 93.7 93.7 93.7 GE 95.1 95.1 GΕ 2500 | 92.3 93.4 94.8 95.0 95.1 95.1 95.1 95.1 95.1 95.1 95.1 95.1 95.1 95.1 97.3 97.9 98.0 98.0 98.0 97.1 97.9 97.9 97.9 97.9 98.0 98.0 98.0 2000 | 94.3 95.4 98.0 GE 1800 94.6 97.6 98.3 98.3 98.4 98.4 98.4 98.4 98.4 98.4 95.8 97.8 98.3 98.3 98.3 98.4 GE 99.4 99.4 99.4 99.4 GΕ 1500 95.2 96.4 98.2 98.6 99.3 99.3 99.3 99.3 99.3 99.4 99.4 99.4 99.3 99.4 99.4 99.4 99.4 99.4 GE 1200 95.2 96.4 98.2 98.6 99.3 99.3 99.3 99.3 99.4 99.4 99.9 99.9 99 9 GE 1000 | 95.2 96.4 98.3 98.7 99.6 99.6 99.6 99.6 99.6 99.9 99,9 99.9 99.9 99.6 99.6 98.7 99.6 99.6 99.6 99.9 99.9 99.9 99.9 99.9 99.9 99.9 GE 900 95.2 96.4 98.3 GE 800 L 95.2 96.4 98.3 98.7 99.6 99.6 99.6 99.6 99.6 99.9 100.0 100.0 100.0 100.0 100.0 100.0 GE 700] 95.2 96.4 98.3 98.7 99.6 99.6 99.6 99.6 99.6 99.9 100.0 100.0 100.0 100.0 100.0 100.0 GE 600 95.2 96.4 98.3 98.7 99.6 99.6 99.6 99.6 99.6 99.9 100.0 100.0 100.0 100.0 100.0 100.0 GE 500 | 95.2 96.4 98.3 98.7 99.6 99.6 99.6 99.6 99.6 99.9 100.0 100.0 100.0 100.0 100.0 100.0 99.6 400 95.2 96.4 98.3 98.7 99.6 99.6 99.6 99.6 99.9 100.0 100.0 100.0 100.0 100.0 100.0 GE 96.4 98.3 99.6 99.6 99.6 99.6 99.9 100.0 100.0 100.0 100.0 100.0 100.0 300 95.2 98.7 99.6 GE 200 95.2 96.4 98.3 98.7 99.6 99.6 99.6 99.6 99.6 99.9 100.0 100.0 100.0 100.0 100.0 100.0 GE 99.6 GE 100 95.2 96.4 98.3 98.7 99.6 99.6 99.6 99.6 99.9 100.0 100.0 100.0 100.0 100.0 109.0 000 95.2 96.4 98.3 98.7 99.6 99.6 99.6 99.6 99.9 100.0 100.0 100.0 100.0 100.0 100.0 GE

TOTAL NUMBER OF OBSERVATIONS 900

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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5 PERIOD OF RECORD: NOV 78 - OCT 88

				LS	ווט טוו	:: + >					MON 1	H: SEP	HOURS	: 18-20			
CF I	LING	• • • • • •	• • • • • •	• • • • • • •	• • • • • •		VISIBIL	ITY IN	STATUTE	MILES	• • • • • • • • • • • • • • • • • • •		• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • •
	N I	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
	ET	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
	1	1															
NO	CEIL	46.8	47.2	47.9	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
	20000	74 4	71.0	72 (72.6	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
	20000 18000		71.8 72.2	72.4 72.9	73.0	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
	16000		72.2	72.9	73.0	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
	14000		72.9	73.6	73.7	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
	12000		76.3	77.0	77.1	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
-	.2000	1314	.0.5														•••
GE	10000	81.4	82.6	83.2	83.3	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE	9000	85.8	86.9	87.8	88.0	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE	8000	87.9	89.0	89.9	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE	7000	88.6	89.8	90.7	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE	6000	88.6	89.8	90.8	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE		89.1	90.4	91.4	91.8	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE		89.9	91.2	92.2	92.6	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE	•	90.8	92.1	93.3	93.7	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE	,	90.9	92.3	93.6	93.9	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE	3000	92.0	93.4	94.8	95.1	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
-	35001	92.7	0, ,	96.1	96.4	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE GE	,	93.7	94.4 95.4	97.2	97.9	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE		93.9	95.7	97.4	98.1	98.6	98.6	98.8	98.8	98.8	9.8	98.8	98.8	98.8	98.8	98.8	98.8
GE		94.2	96.0	97.8	98.4	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE		94.4	96.2	98.0	98.7	99.2	99.2	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
Ü.	1200,	/4.4	,0.2	,0.0	,	,,,,	,,	,,,0	,,,,	,,,,	,,	,,,,,	,,,,,	,,,,	,,,,	,,,,,	,,,,,
GE	1000	94.4	96.2	98.0	98.7	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	900	94.4	96.2	98.0	98.7	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	800	94.4	96.2	98.0	98.7	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	700	94.4	96.2	98.0	98.7	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	600	94.4	96.2	98.0	98.7	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	ł																
GE	(94.4	96.2	98.0	98.7	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		94.4	96.2	98.0	98.7	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0		100.0	100.0	100.0
GE		94.4	96.2	98.0	98.7	99.6	99.6	99,9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		94.4	96.2	98.0	98.7	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	100	94.4	96.2	98.0	98.7	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
٥.	200	~ ,	04.5	00.0	00.7	00 /	00 (00.0	20.0	00.0	100.0	400.0	100.0	100 0	400.0	100 0	100.0
GE	000	94.4	96.2	98.0	98.7	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
• • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	<i></i>	• • • • • •	· · · · · · · ·	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5 POURS: 21-23

				L51	10 01	L: + 3					MUN	H: 3EP	HOUKS): Z1-Z3	,		
CEL	LING	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •				N STATUT		· · · · · · · · · · · · · · · · · · ·						
1		GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
		7	6	5	4	3	2 1/2			1 1/4		3/4	5/8	1/2	3/8	1/4	0
, .		, , 													-,-	• • • • • •	
		1															
NO	CEIL	56.3	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
GF	20000	77.6	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
		78.0	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
		78.0	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
		78.2	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
		81.0	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
CE	10000	94 7	87.4	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87,7
GE		89.0	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE	,	90.3	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE		90.7	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
		90.7	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GL.	0000	1 70.7	71.4	,,,,	,,,,	,,,,,	/ 1.1	,,,,	,,,,	,,,,,	,,,,	,,,,	,,,,	,			
GE	5000	91.2	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE	4500	92.3	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE		93.0	94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE	3500	93.6	94.9	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE	3000 i	94.8	96.1	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
	j																
GE	2500	95.4	96.9	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE	2000	96.4	98.2	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE	1800	96.6	98.3	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE	1500	96.7	98.4	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE	1200	96.9	98.7	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE	10001	97.0	98.8	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		97.0	98.8	99.4	99.7	100.0			100.0		100.0	100.0	100.0		100.0	100.0	100.0
GE		97.0	98.8	99.4	99.7	100.0			100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	,	97.0	98.8	99.4	99.7	100.0			100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		97.0	98.8	99.4	99.7	100.0			100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
	ì																
GE	500	97.0	98.8	99.4	99.7	100.0	100.0	100.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	400	97.0	98.8	99.4	99.7	100.0					100.0		100.0	100.0	100.0	100.0	100.0
GE	300	97.0	98.8	99.4	99.7	100.0					100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		97.0	98.8	99.4	99.7	100.0			100.0				100.0		100.0		100.0
GE	100	97.0	98.8	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	0001	97.0	98.8	99.4	00.7	100.0	100.0	100.0	100.0	100 p	100.0	100.0	100.0	100.0	100 0	100 0	100 0
ŲĒ	0001	71.0	70.0	77.4	77.1	100.0	100.0	100.0	100.0	100.0	.00.0	100.0	100.0	100.0	,00.0	100.0	100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5 POINTH: SEP HOURS: ALL

				LS	10 010	.: +)					MUNII	1: 3EP F	IUUKS: A	466			
CE	ILING	• • • • • • •			• • • • • • •	•••••	VISIBIL	ITY IN	STATUTE	MILES		•••••	•••••	• • • • • •	•••••	• • • • • • •	• • • • • •
	IN	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FI	EET	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
		·			. <i></i>												
NO.	CELL		52 /	53.0	53.3	53.3	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
NO	CEIL	51.8	52.4	33.0	,,,,	23.3	JJ.J	JJ.4	J3.4	JJ.4	JJ.4	JJ.4	33.4	JJ.4	JJ.4	JJ.4	JJ.4
GE	20000	74.6	75.3	76.2	76.6	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE	18000	74.8	75.6	76.4	76.8	76.8	76.8	76.9	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE	16000	75.0	75.8	76.6	77.0	77.1	77.1	77.1	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE	14000	76.0	76.8	77.6	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE	12000	79.6	80.4	81.2	81.6	81.7	81.7	81.7	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8
CE	10000	1 85 0	85.8	86.7	87.1	87.2	87.2	87,2	87.2	87.2	87.3	87.3	87,3	87.3	87.3	87.3	87.3
GE		87.2	88.0	89.0	89.4	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
		88.4	89.3	90.3	90.7	90.8	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE		88.8												91.3			
GE			89.6	90.6	91.1	91.1	91.1	91.2	91.2	91.2	91.3	91.3	91.3		91.3	91.3	91.3
GE	9000	88.8	89.7	90.7	91.2	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE	5000	89.5	90.4	91.4	91.8	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE	4500	90.4	91.4	92.4	92.9	93.0	93.0	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE	4000	90.9	91.9	93.1	93.5	93.6	93.6	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE	3500	91.4	92.5	93.7	94.1	94.3	94.3	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE	3000	92.3	93.4	94.6	95.1	95.2	95.2	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4
C.E.	25.00	02.0	94.2	95.5	96.0	04.2	04.2	96.3	96.3	96.3	04.7	04.7	96.3	96.3	96.3	96.3	96.3
GE		92.9				96.2	96.2				96.3	96.3					98.5
GE		94.4	95.9	97.4	98.0	98.3	98.3	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	
GE		94.6	96.0	97.5	98.2	98.5	98.5	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE		94.8	96.3	97.8	98.5	98.8	98.8	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE	1200	95.0	96.5	98.1	98.7	99.1	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4
GE	1000	95.1	96.6	98.2	98.8	99.3	99.3	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE	900	95.1	96.6	98.2	98.8	99.4	99.4	99.5	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE	800	95.1	96.6	98.2	98.9	99.4	99.4	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE		95.2	96.7	98.3	99.0	99.5	99.5	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE		95.2	96.7	98.3	99.0	99.5	99.5	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
		1	a				22.5										
GE		95.2	96.7	98.3	99.0	99.5	99.5	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE		95.2	96.7	98.3	99.0	99.5	99.5	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE		95.2	96.7	98.3	99.0	99.5	99.5	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE		95.2	96.7	98.3	99.0	99.5	99.5	99,7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE	100	95.2	96.7	98.3	99.0	99.5	99.5	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE	000) 95.2	96.7	98.3	99.0	99.5	99.5	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
								• • • • • •									

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 STATION NUMBER: 747945 LST TO UTC: + 5 MONTH: OCT HOURS: 00-02 CEILING VISIBILITY IN STATUTE MILES GE GE GE GE GE IN GE GF GE FEET | 7 5 4 3 2 1/2 2 1 1/2 1 1/4 6 1 3/4 5/8 3/8 1/2 1/4 0 NO CEIL | 66.0 66.8 67.5 67.5 67.6 67.7 67.7 67.8 67.8 68.0 68.0 68.0 68.0 68.0 68.0 68 N GE 20000 77.4 78.3 79.0 79.0 79.1 79.2 79.2 79.4 79.4 79.5 79.5 79.5 79.5 79.5 79.5 79.5 GE 18000 77.4 78.3 79.0 79.0 79.1 79.2 79.2 79.4 79.4 79.5 79.5 79.5 79.5 79.5 79.5 79.5 79.0 79.2 79.4 79.4 79.2 79.5 GE 160001 77.4 78.3 79.0 79.1 79.5 79.5 79.5 79.5 79.5 79.5 GE 14000 77.4 78.3 79.0 79.0 79.1 79.2 79.2 79.4 79.4 79.5 79.5 79.5 79.5 79.5 79.5 79.5 GE 12000 78.4 79.2 80.0 80.0 80.1 80.2 80.2 80.3 80.3 80.4 80.4 80.4 80.4 80.4 80.4 80.4 GE 10000 81.9 82.9 83.7 83.9 84.0 84.1 84.1 84.2 84.2 84.3 84.3 84.3 84.3 84.3 GE 9000 I 82.9 83.9 84.6 84.8 84.9 85.1 85.1 85.2 85.2 85.3 85.3 85.3 85.3 85.3 85.3 85.3 87.1 87.3 GE 8000| 85.2 86.1 86.9 87.2 87.3 87.4 87.4 87.5 87.5 87.5 87.5 87.5 87.5 87.5 7000 | 85.4 86.3 87.1 87.3 87.4 87.5 87.5 87.6 87.6 87.7 87.7 87.7 87.7 87.7 87.7 87.7 GE 60001 86.2 87.2 88.0 88.2 88.3 88.4 88.4 88.5 88.5 88.6 88.6 88.6 88.6 88.6 88.6 88.6 5000 87.4 88.4 89.1 89.4 89.5 89.6 89.6 89.7 89.7 89.8 GE 89.8 89.8 89.8 89.8 89.8 89.8 GE 4500 88.8 89.8 90.5 90.8 90.9 91.0 91.0 91.1 91.1 91.2 91.2 91.2 91.2 91 2 91.2 91 2 93.0 93.1 93.1 GE 40001 90.9 91.8 92.6 92.9 93.2 93.2 93.3 93.3 93.3 93.3 93.3 93.3 93.3 GE 3500 92.6 93.5 94.7 94.9 94.3 94.6 94.8 94.8 94.9 95.1 95.1 95.1 95.1 95.1 95.1 95.1 95.6 95.8 95.9 GE 3000 i 93.4 94 4 95 3 95.7 95.8 95 9 96.0 96.0 96.0 96.0 96.0 96.0 96.0 25001 94.5 95.6 96.9 97.0 97.0 97.1 97.1 GE 96.5 96.8 97.2 97.2 97.2 97.2 97.2 97.2 97.2 20001 95.5 98.6 96.7 97.5 98.1 QR 4 98.5 98 5 QR A GF 98.7 08 7 98.7 98.7 98.7 98.7 98.7 GE 1800 | 95.7 96.9 97.7 98.3 98.6 98.7 98.7 98.8 98.8 98.9 98.9 98.9 98.9 98.9 98.9 98.9 1500 96.0 97.2 98.1 98.6 98.9 99.0 99.0 99.1 99.1 99.2 99.2 99.2 99.2 99.2 99.2 99.2 GE 97.7 99.2 99.7 99.8 1200 96.6 98.7 99.6 99 7 99.8 99.9 99.9 GE 99 9 99.9 99.9 99.9 99.5 GE 1000 96.7 97 8 98.8 99.4 99.7 99.8 99.8 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 900 96.7 97.8 98.8 99 4 99.8 99.9 GE 99.7 99.8 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 8001 96.7 97.8 98.8 99.4 99.7 99.8 99.8 99.9 99.9 GE 100.0 100.0 100.0 100.0 100.0 100.0 100.0 700 96.7 97.8 99.4 99.7 99.8 99.8 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 GE 98.8 GE 1006 96.7 97.8 98.8 99.4 99.7 99.8 99.8 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 5001 96.7 97.8 99.7 99.8 99.9 GE 98.8 99.4 99.8 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GE 400 | 96.7 97.8 98.8 99.4 99.7 99.8 99.8 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 300 96.7 99.4 99.8 99.9 100.0 GE 97.8 98.8 99.7 99.8 99.9 100.0 100.0 100.0 100.0 100.0 100.0 97.8 99.9 2001 96.7 99.7 99.8 99.8 99.9 GE 98.8 99.4 100.0 100.0 100.0 100.0 100.0 100.0 100.0 99.8 100 i 96.7 97.8 98.8 99.4 99.7 99.8 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 000 | 96.7 | 97.8 | 98.8 | 99.4 | 99.7 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 GE

TOTAL NUMBER OF OBSERVATIONS 930

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: OCT HOURS: 03-05

				LST	TO UT	C: + 5					MONT	1: OCT	HOURS	: 03-05			
CEI	LING	• • • • • •	• • • • • • •	• • • • • • •					CTATUTE	MILES	• • • • • •	• • • • • •		• • • • • •		• • • • • •	• • • • • •
I		GE	GE	GE	GE	GE	GE	GE	STATUTE GE	GE	GE	GE	GE	GE	GE	GE	GE
	ET !	7	6	5	4	3	2 1/2	2				3/4	5/8	1/2	3/8	1/4	0
	•••••	, , 					. ۱/ ۵										
	!	l .		_													
NO	CEIL	66.1	67.0	67.8	69.0	69.6	69.7	70.1	70.1	70.1	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE	20000	77.2	78.5	79.4	80.6	81.2	81.3	81.7	81.7	81.7	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE	18000	77.2	78.5	79.4	80.6	81.2	81.3	81.7	81.7	81.7	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE	16000	77.2	78.5	79.4	80.6	81.2	81.3	81.7	81.7	81.7	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE	14000	77.2	78.5	79.4	80.6	81.2	81.3	81.7	81.7	81.7	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE	12000	78.0	79.2	80.1	81.4	81.9	82.0	82.5	82.5	82.5	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE	10000	 80.8	82.3	83.1	84.4	84.9	85.1	85.5	85.5	85.5	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE		82.4	83.9	84.7	86.0	86.6	86.7	87.1	87.1	87.1	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE		84.1	85.7	86.6	87.8	88.4	88.5	88.9	88.9	88.9	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE		84.4	86.0	86.9	88.2	88.7	88.8	89.2	89.2	89.2	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE	•	84.6	86.2	87.1	88.4	88.9	89.0	89.5	89.5	89.5	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE	50001	86.2	87.8	88.7	90.0	90.5	90.6	91.1	91.1	91.1	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE	,	87.7	89.4	90.2	91.5	92.0	92.2	92.6	92.	92.6	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE		89.1	90.8	91.6	92.9	93.4	93.5	94.0	94.0	94.0	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE	,	90.3	91.9	92.8	94.1	94.6	94.7	95.2	95.2	95.2	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE	- 4	90.4	92.3	93.1	94.4	94.9	95.1	95.5	95.5	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1
	j																
GE		91.3	93.1	94.0	95.3	95.8	95.9	96.3	96.3	96.3	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE		91.9	94.0	94.8	96.2	96.8	96.9	97.3	97.3	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE		92.0	94.1	95.1	96.5	97.0	97.1	97.5	97.5	97.5	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE		92.0	94.2	95.2	96.6	97.1	97.2	97.6	97.6	97.6	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE	1200	92.7	94.8	95.8	97.2	97.7	97.8	98.3	98.3	98.3	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE	1000	92.8	94.9	95.9	97.3	97.8	98.0	98.4	98.4	98.4	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GΕ	900	92.8	94.9	95.9	97.3	97.8	98.0	98.4	98.4	98.4	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE	800	92.8	94.9	95.9	97.3	97.8	98.0	98.4	98.4	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE	700	92.8	94.9	95.9	97.3	97.8	98.0	98.4	98.4	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE	600	92.8	94.9	96.0	97.4	98.0	98.1	98.5	98.7	98.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE	500 l	92.8	94.9	96.0	97.6	98.2	98.3	98.7	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		92.8	94.9	96.0	97.6	98.2	98.3	98.7	98.9		100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	,	92.8	94.9	96.0	97.6	98.2	98.3	98.7	98.9		100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	200		94.9	96.0	97.6	98.2	98.3	98.7	98.9		100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		92.8	94.9	96.0	97.6	98.2	98.3	98.7	98.9		100.0	100.0	100.0	100.0	100.0	100.0	100.0
ce	0001	02.8	0/. 0	04.0	97.6	98.2	98.3	98.7	08.0	08.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1000	92.8	94.9	96.0 	9/.0	Y0.2	Y0.3	9 0./	98.9 	70.7		100.0	100.0	100.0			100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5 MONTH: OCT HOURS: 06-08 CEILING VISIBILITY IN STATUTE MILES IN GE GE FEET 7 6 GE GE GΕ GE GE GE GE GE GE GE GE GE GE GE 1 1/2 1 1/4 5/8 3/8 3 2 1/2 2 0 5 4 1 3/4 1/2 1/4 NO CEIL | 56.2 57.8 59.5 61.2 61.8 61.8 62.4 62.4 62.4 62.7 62.9 62.9 63.1 63.1 63.3 63.3 GE 20000 67.0 69.0 70.9 72.9 74.1 74.1 74.6 74.6 74.6 75.2 75.4 75.4 75.6 75.6 75.8 75.8 76.1 74.4 74.4 74.9 75.9 74.9 74.9 75.5 75.7 75.9 GE 18000 67.3 69.4 71.2 73.2 75.7 76.1 GE 16000 67.3 69.4 71.2 73.2 74.4 74.4 74.9 74.9 74.9 75.5 75.7 75.7 75.9 75.9 76.1 76.1 GE 14000 68.2 72.0 75.3 75.3 75.8 75.8 75.8 76.3 76.6 76.6 76.8 76.8 77.0 77.0 70.2 74.1 78.4 GE 120001 69.6 71.6 73.4 75.5 76.7 76.7 77.2 77.2 77.2 77.7 78.0 78.0 78.2 78.2 78.4 79.5 79.5 80.0 80.0 80.0 80.5 80.8 80.8 81.0 81.0 81.2 81.2 GE 10000 71.9 74.3 76.2 78.3 83.4 83.4 GE 9000 74.0 76.3 78.3 80.5 81.7 81.7 82.3 82.3 82.3 82.8 83.0 83.0 83.2 83.2 83.7 GE 80001 75.4 77.7 79.7 81.9 83.1 83.1 83.7 83.7 84.2 84.4 84.4 84.6 84.6 84.8 84.8 85.1 85.3 85.5 85.5 84.3 84.3 85.1 85.3 78.4 83.8 83.8 84.3 84.8 GE 70001 76.0 80.3 82.6 6000 76.5 78.8 80.9 83.1 84.3 84.3 84.8 84.8 84.8 85.4 85.6 85.6 85.8 85.8 86.0 86.0 GE 85.8 87.1 80.3 86.9 87.1 87.3 87.3 87.5 87.5 5000 78.0 85.8 86.3 86.3 86.3 GE 82.4 84.6 84.8 87.1 88.3 88.3 88.8 88.8 88.8 89.4 89.6 89.6 89.8 89.8 90.0 90.0 GE 4500 80.3 82.8 91.2 91.4 91.4 88.5 89.7 89.7 90.2 90.2 90.2 90.8 91.0 91.0 91,2 GF 40001 81 6 84.1 86.1 92.3 93.4 92.8 93.0 93.0 93.2 93.2 93.4 91.7 92.3 92.3 3500| 83.7 86.1 88.2 90.5 91.7 GΕ 92.5 93.1 93.1 93.1 93.7 93.9 93.9 94.1 94.1 94.3 94.3 3000 84.4 86.9 88.9 91.3 92.5 94.6 94.8 93.7 94.4 94.8 25001 84.6 87.1 89.1 91.7 93.0 93.0 93.7 93.7 94.2 94.4 94.6 96.7 96.7 2000 85.6 88.6 90.8 93.4 94.7 94.7 95.4 95.4 95.4 95.9 96.1 96.1 96.3 96.3 GE 95.1 95.7 95.7 96.2 96.7 97.0 97.0 95.7 96.5 96.5 96.7 GE 1800 85.6 88.8 91.1 93.8 95.1 94.0 88.9 91.3 95.3 95.3 95.9 95.9 95.9 96.5 96.7 96.7 96.9 96.9 97.2 97.2 1500| 85.7 GE 1200 85.8 89.0 91.4 94.5 95.8 95.8 96.5 96.5 96.5 97.0 97.2 97.2 97.4 97.4 97.7 97.7 1000| 85.8 89.0 91.7 94.8 96.1 96.1 96.8 96.8 96.8 97.3 97,5 97.5 97.7 97.7 98.1 98.1 GE 900 | 85.8 89.2 91.9 95.1 96.5 96.5 97.1 97.1 97.1 97.6 97.8 97.8 98.1 98.1 98.4 98.4 GF 97.4 98.9 98.6 98.9 800 | 85.8 89.4 92.2 95.3 96.8 96.8 97.4 97.4 98.2 98.4 98.4 98.6 GE 97.6 99.1 99.1 700 85.9 89.5 72.3 95.4 96.9 97.0 97.6 97.6 98.4 98.6 98.6 98.8 98.8 GE 95.5 97.0 97.1 98.7 98.9 98.9 99.2 99.2 97.7 97.7 97.7 98.5 98.7 GE 600| 85.9 89.6 92.4 99.0 99.4 99.4 5001 85.9 89.6 92.4 95.5 97.1 97.2 97.8 97.8 97.8 98.6 98.8 98.8 99.0 GE 97.2 98.6 99.0 99.0 99.4 99.4 GE 400 | 85.9 89.6 92.4 95.5 97.1 97.8 97.8 97.8 98.8 98.8 97.8 95.5 97.2 97.8 97.8 98.7 99.0 99.0 99.2 99.2 99.6 99.6 GE 300 | 85.9 89.6 92.4 97.1 89.6 97.2 98.0 98.0 98,0 98.8 99.1 99.1 99.4 99.4 99.7 99.7 2001 85.9 92.4 95.5 97.1 GE 99.2 99.8 99.8 100 | 85.9 89.6 92.4 95.5 97.1 97.2 98.0 98.0 98.0 98.8 99.2 99.5 99.5

TOTAL NUMBER OF OBSERVATIONS 930

000 85.9 89.6 92.4

95.5 97.1 97.2 98.0 98.0 98.0 98.8 99.2 99.2 99.5 99.5 99.8 100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: OCT HOURS: 09-11

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	LING	• • • • • •		• • • • • • •	• • • • • • •				STATUTE			• • • • • • •	•••••			• • • • • • •	• • • • • •
	N I	GE	GE	GE	GE	GE	GΕ	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
	ΕT	7	6	5	4	3	2 1/2		1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
												•••••					
NO	CEIL	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GF	20000	72 5	72.8	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2
	18000		73.1	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5
	16000		73.3	73.5	73.5	73.7	73.7	73.7	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8
	14000		74.5	74.8	74.8	74.9	74.9	74.9	74.9	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1
	12000		76.3	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE	10000		79.8	80.1	80.2	80.3	80.3	80.3	80.3	80.3	80.4	80.4	80.4	80.4	8û.4	80.4	80.4
GE		81.2	81.5	81.8	82.0	82.2	82.2	82.2	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE		82.3	8.6	82.9	83.1	83.2	83.2	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE	7000	82.6	82.9	83.2	83.4	83.5	83.5	83.5	83.5	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE	6000	83.9	84.2	84.5	84.7	84.8	84.8	84.8	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE	5000	85.7	86.0	86.3	86.6	86.7	86.7	86.7	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE	4500 Í	88.5	88.8	89.1	89.5	89.6	89.6	89.6	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE		90.6	91.0	91.3	91.6	91.7	91.7	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE		92.0	92.6	92.9	93.2	93.3	93.3	93.3	93.3	93.3	93,4	93.4	93.4	93.4	93.4	93.4	93.4
GE		92.8	93.3	93.7	94.0	94.1	94.1	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2
	25.00	07.4		0/ 0	n, 3	.	٥, ٢	۰	0, 5	04.5	<i>~</i> ,	.	~	0 / /	O	0 / /	04.4
GE		93.1	93.7	94.0	94.3	94.4	94.5	94.5	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE	,	94.3	94.9	95.4	95.7	95.8	95.9	95.9	95.9	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE		94.5	95.2	95.6	95.9	96.0	96.1	96.1	96.1	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE		95.4	96.0	96.5	96.8	96.9	97.0	97.0	97.0	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GΕ	1200	95.8	96.6	97.3	97.8	98.1	98.2	98.3	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE	1000	95.8	96.6	97.3	97.8	98.1	98.2	98.3	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE	900 j	95.9	96.8	97.5	98.1	98.3	98.4	98.5	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE	800 i	96.1	97.0	97.7	98.3	98.5	98.6	98.7	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE		96.2	97.1	97.8	98.4	98.7	98.8	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE		96.2	97.1	97.8	98.4	98.7	98.8	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1
c.	5001	04.7	97.2	98.0	00 E	98.9	99.0	99.1	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE		96.3			98.5												
GE		96.6	97.4	98.2	98.9	99.4	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE		96.6	97.4	98.2	98.9	99.4	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE	•	96.6	97.4	98.2	98.9	99.4	99.5	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE	100	96.6	97.4	98.2	98.9	99.4	99.5	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.6
GE	000	96.6	97.4	98.2	98.9	99.4	99.5	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
					• • • • • • •												

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5 MONTH: OCT HOURS: 12-14 VISIBILITY IN STATUTE MILES CELLING CE GE GE GE GE GE GE CE GE GE GE GF GF IN GE GE 5 4 3 2 1/2 2 1 1/2 1 1/4 5/8 3/8 0 FEET 6 1 3/4 1/2 1/4 54.5 54.5 54.5 54.5 54.5 54.5 NO CEIL | 54.5 54.5 54.5 54.5 54.5 54.5 54.5 54.5 54.5 54.5 GE 20000 73.8 73.8 73.8 73.8 73.8 73.8 73.8 73.8 73.8 73.8 73.8 73.8 73.8 73.8 73.8 73.8 73.9 73.9 73.9 GE 18000 73.9 73.9 73.9 73.9 73.9 73.9 73.9 73.9 73.9 73.9 73.9 73.9 73.9 74.0 74.0 74.0 74.0 74.0 74.0 74.0 74.0 74.0 74.0 74.0 74.0 74.0 74.0 74.0 GE 160001 74.0 GE 14000 74.6 74.6 74.6 74.6 74.6 74.6 74.6 74.6 74.6 74.6 74.6 74.6 74.6 74.6 74.6 74.6 GE 12000 77.8 77.8 77.8 77.8 77.8 77.8 77.8 77.8 77.8 77.8 77.8 77.8 77.8 77.8 77.8 77.8 GE 10000 82.5 82.5 82.5 82.5 82.5 82.5 82.5 82.5 82.5 82.5 82.5 82.5 82.5 82.5 82.5 82.5 9000 84.3 84.3 84.3 84.3 84.3 84.3 84.3 84.3 84.3 84.3 84.3 84.3 84.3 84.3 84.3 84.3 GE 86.3 86.3 GE 8000 | 86.3 86.3 86.3 86.3 86.3 86.3 86.3 86.3 86.3 86.3 86.3 86.3 86.3 86.3 7000 86.6 GE 86.6 86.6 86.6 86.6 86.6 86.6 86.6 86.6 86.6 86.6 86.6 86.6 86.6 86.6 86.6 6000 88.0 88.0 88.0 88.0 88.0 88.0 88.0 88.0 88.0 88.0 88.0 88.0 88.0 88.0 88.0 88.0 GE GΕ 50001 89.4 89.4 89.4 89.4 89.5 89.5 89.5 89.5 89.5 89.5 89.5 89.5 89.5 89.5 89.5 89.5 91.9 92.0 92.2 92.2 92.2 92.2 92.2 92.2 92.2 92.2 92.2 92.2 92.2 45001 91.9 91.9 92.2 GF 93.4 GΕ 4000 93.1 93.1 93.1 93.3 93.4 93.4 93.4 93.4 93.4 93.4 93.4 93.4 93.4 93.4 93.4 35001 94.5 94.5 94.5 94.7 94.8 94.8 94.8 94.8 94.8 94.8 94.8 94.8 94,8 94.8 94.8 94.8 GΕ 96.1 96.2 95.8 95.8 96.2 96.2 96.2 95.8 96.2 96.2 96.2 96.2 96.2 96.2 96.2 96.2 GE 30001 25001 96.6 96.6 96.6 96.9 97.1 97.1 97.1 97.1 97.1 97.1 97.1 97.1 97.1 97.1 97.1 97.1 GE 97.8 2000 97.7 97.7 98.4 98 4 98.4 98.4 98.2 98.4 98.4 98.4 98 4 98 4 98 4 98 4 GE 98.4 1800 j 98.1 98.3 98.7 98.9 98.9 98.9 98.9 98.9 98.9 98.9 98.9 98.9 98.9 98.9 98.9 GE 98.1 1500 98.2 98.2 98.4 98.8 99.0 99.0 99.0 99.0 99.0 99.0 99.0 99.0 99.0 99.0 99.0 99.0 GF 99.0 99.2 99.2 99.2 99.2 99.2 99.2 99.2 GE 1200| 98.4 98.4 98.6 99.2 99.2 99.2 99.2 99.2 10001 98.4 98.4 98.6 99.0 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 GF 99.5 GE 900 | 98.4 98.4 98.7 99.1 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.8 99.8 99.8 99.5 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 GE 8001 98.6 98.6 99.0 99.8 98.6 99.4 99.5 99.8 99.8 99 8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 GE 7001 98.6 600 98.7 98.7 99.1 99.6 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 5001 98.7 98 7 99 1 99.6 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GF 400 98.7 98.7 99.1 99.6 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GE GΕ 300 i 98.7 98.7 99.1 99.6 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 99.1 99.6 100.0 100.0 100.0 GE 2001 98.7 98.7 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 99.6 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 1001 98.7 98.7 99.1 100.0 100.0 0001 98.7 98.7 99.1 99.6 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0

TOTAL NUMBER OF OBSERVATIONS 930

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: OCT HOURS: 15-17

				LS	ודט טדו	2: + 5					MONT	H: OCT	HOURS	: 15-17			
CE.	ILING	• • • • • •		• • • • • • •	• • • • • •	· · · · · · ·	VISIRII	ITY IN	I STATUTI		• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •
	IN I	l GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
	EET	7	6	5	4	3	2 1/2			1 1/4		3/4	5/8	1/2	3/8	5/4	0
											• • • • • •						
		!															
NO	CEIL	57.3	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
GE	20000	73.5	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	<i>7</i> 3.9	73.9	73.9	73.9	73.9	73.9
GE	18000	73.7	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE	16000	73.9	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE	14000	74.4	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE	12000	76.6	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE	10000	 81.1	81.4	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE		82.5	82.8	82.8	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE		85.2	85.5	85.5	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE		85.9	86.2	86.2	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE	6000	86.8	87.1	87.1	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE	5000	 88.1	88.4	88.4	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE		90.9	91.3	91.3	91.6	91.7	91.7	91.7	91.7	91,7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE		93.3	93.8	93.8	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE		94.1	94.5	94.5	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE		95.8	96.2	96.2	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE	25001	96.2	96.7	96.7	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE		96.8	97.4	97.6	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE		97.0	97.6	97.8	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE		97.1	97.7	98.1	98.4	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE	,	97.2	98.0	98.5	98.8	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE	1000	 97.4	98.2	98.7	99.0	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE		97.4	98.2	98.7	99.0	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE		97.4	98.2	98.7	99.0	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE	,	97.4	98.2	98.7	99.0	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE		97.5	98.3	98.8	99.1	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE	5001	 97.5	98.3	98.8	99.1	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		97.5	98.3	98.8	99.1	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		97.5	98.3	98.8	99.1	99.7		100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	•	97.5	98.3	98.8	99.1	99.7	99.7	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		97.5	98.3	98.8	99.1	99.7		100.0			100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	 000	 97.5	98.3	98.8	99.1	99.7	99.7	100.0	100.0	100.0	100.0	100. N	100.0	100.0	100.0	100.0	100.0
							• • • • • • •										

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5 MONTH: OCT HOURS: 18-20

				LS	10 011	t: + 5					MON	H: UCI	HOURS	5: 18-20	,		
CE.	ILING	• • • • • •	•••••	• • • • • • •	• • • • • •		VISIBII	ITY IN	STATUT	MILES			•••••	• • • • • •			• • • • •
	IN	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	G
FI	ET	7 	6	5			2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	ا
MО	CEIL	60.2	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.
140	0111	00.2	01.0	01.,	0	0	J	• • • • • • • • • • • • • • • • • • • •	0			• • • • • • • • • • • • • • • • • • • •		0,,,	· · · ·	• • • • • • • • • • • • • • • • • • • •	
_	20000	•	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.
_	18000		76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.
	16000		76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.
	14000	•	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.
GE	12000	77.7	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.
GE	10000	82.0	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.
GΕ	9000	83.4	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.
GE	8000	86.6	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.
GE	7000	86.9	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.
GE	6000	87.6	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.
GΕ	50001	88.5	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.
GE		90.0	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.
GE	4000	91.5	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.
GE	3500 i	93.1	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.
GΕ	3000	94.4	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.
GΕ	2500	94.9	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.
GE	,	96.4	97.3	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.
GE	1800	96.8	97.7	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.
GE		96.9	97.8	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.
GE	1200	97.4	98.5	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.
GE	1000 l	97.7	98.8	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.
GE		97.7	98.8	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.
ĢΕ	800	97.7	98.8	99.5	99.5	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.
GE	700	97.7	98.8	99.5	99.5	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.
GE	600	97.7	98.8	99.5	99.5	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.
GE	5001	 97.7	98.8	99.5	99.5	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.
GE	,	97.7	98.8	99.5	99.5	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.
GE		97.7	98.8	99.5	99.5	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.
ĠΕ	200	97.7	98.8	99.5	99.5	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.
GΕ	100	97.7	98.8	99.5	99.5	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.
GE	0001	97.7	98.8	99.5	99.5	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5 MONTH: OCT HOURS: 21-23

	LSI 10 UIL: + 5												nouks	: 21-23			
CE	CEILING VISIBILITY IN STATUTE MILES																
	IN	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	G€	GE	GE	GE	GE
FE	ET	7	6	5	4	3	2 1/2	2	1 1/2	! 1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
• • •			• • • • • • •		• • • • • •		• • • • • • •		• • • • • • •	• • • • • •	• • • • • •					• • • • • • •	• • • • •
NO	CEIL	67.0	67.4	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
		i	-														
	20000		78.6	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
	18000		79.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
	16000		79.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
	14000	1	79.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE	12000	79.8	80.3	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE	10000	82.7	83.3	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE	9000	84.3	84.8	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE	8000 j	86.7	87.3	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE	7000 j	87.3	87.8	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE	6000	88.3	88.9	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
	5000						20.5	00.5	00.5	00.5	00.5	90.5	00.5	00 F	00.5	60 5	00.5
GE		88.7	89.2	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE	,	90.9	91.5	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE	1	91.7	92.2	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE		93.9	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE	3000	94.9	95.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE	2500	95.5	96.1	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE		97.3	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE	1800 Í	97.3	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GΕ	1500	97.6	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE	1200	98.8	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1000	98.8	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		98.8	99.6	99.9	99.9	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		98.8	99.6	99.9	99.9	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		98.8	99.6	99.9	99.9	100.0	100.0	100.0		100.0		100.0	100.0	100.0	100.0	100.0	100.0
GE		98.8	99.6	99.9	99.9	100.0			100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0
GE	0001	70.0	77.0	77.7	77.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		98.8	99.6	99.9	99.9	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	400		99.6	99.9	99.9	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	300	98.8	99.6	99.9	99.9	100.0	100.0	00.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		98.8	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0
GE	100	98.8	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	0001	98.8	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88

LST TO UTC: + 5 MONTH: OCT HOURS: ALL

VISIBILITY IN STATUTE MILES CEILING GE GE GE GE GE GE IN 3 1/2 3/8 2 1/2 2 1 1/2 1 1/4 1 3/4 5/8 0 FEET | 7 6 5 4 1/4 GE 20000 74.4 75.1 75.6 76.0 76.3 76.3 76.4 76.4 76.4 76.6 76.7 76.7 76.7 76.7 76.7 76.7 76.6 76.6 76.6 76.9 GE 18000 74.6 75.3 75.8 76.2 76.5 76.5 76.8 76.8 76.8 76.9 76 9 76.9 GE 16000 74.6 75.4 75.9 76.3 76.6 76.6 76.7 76.7 76.7 76.9 76.9 76.9 76.9 76.9 77.0 77.0 76.7 77.0 77.0 77.1 77.1 77.1 77.3 77.3 77.3 77.4 77.4 77.4 77.4 GE 140001 75.1 75.8 76.3 78.7 78.0 78.8 78.8 78.8 79.0 79.0 79.0 79.1 79.1 GE 120001 76.7 77.5 78.4 78.7 79 N 79. N GE 10000 80.3 81.2 81.7 82.2 82.4 82.4 82.6 82.6 82.6 82.8 82.8 82.8 82.8 82.8 82.8 84.2 GE 9000 81.9 83.8 84.2 84.4 84.4 84.4 82.7 83.3 84.0 84.0 84.2 84.4 84.4 84.4 84.4 84.8 85.4 85.9 86.2 86.2 86.3 86.3 86.3 86.5 86.5 86.5 86.6 86.6 86.6 86.6 GE 8000 i 84.0 70001 84.4 85.2 85.8 86.6 86.6 86.7 86.7 86.7 86.9 86.9 86.9 87.0 87.0 87.0 87.0 86.3 GE 87.6 6000 85.2 86.1 86.7 87.2 87.4 87.5 87.6 87.6 87.8 87.8 87.8 87.8 87.8 87 9 87.9 5000| 86.5 88.7 88.9 88.9 88.9 89.0 89.1 89.1 89.1 87.9 88.4 88.7 89.1 89.1 GE 87.4 90.9 91.1 91.1 91.3 91.3 91.3 91.3 4500 | 88.6 89.5 90.1 90.7 90.9 91.1 91.3 91.3 91.3 GE 91.7 92.3 92.6 92.6 92.7 92.7 92.7 92.9 92.9 92.9 93.0 93.0 93.0 93.0 GE 4000 90.2 91.1 94.1 93.9 94.1 94.3 94.3 94.3 94.5 94.5 94.5 94.5 94.5 94.5 94.5 3500 J 91.8 92.7 93.2 GE 95.3 95.5 95.6 95.6 95.6 95.6 30001 92.8 93.7 94.3 94.9 95.2 95.2 95.3 95.3 95.5 95.5 95.8 96.0 96.0 96.2 96.2 96.3 25001 93.3 94.3 94.9 95.5 95.9 96.0 96.2 96.3 96.3 96.3 GE 97.7 20001 94.4 95.6 96.2 96.9 97.3 97.3 97.5 97.5 97.5 97.7 97.7 97.7 97.7 97.8 97.8 GE 97.8 97.8 98.0 98.0 98.0 98.0 1800 94.6 95.8 96.5 97.2 97.6 97.6 97.8 98.0 98.0 98.0 GE 97.9 97.9 98.1 98.1 98.3 98.3 98.3 98.3 98.3 98.4 98.4 1500 94.9 96.8 97.5 98.0 GE 96.1 1200 | 95.3 96.6 97.4 98.2 98.6 98.6 98.8 98.8 98.8 99.0 99.0 99.0 99.1 99.1 99.1 99.1 99.2 99.0 99.2 99.2 99 2 99.2 00 3 99.3 1000 95.4 97.6 98.7 98.9 99.0 GΕ 96.7 98.3 98.8 GE 900 95.4 96.7 97.6 98.4 98.8 98.9 99.0 99.0 99.0 99.3 99.3 99.3 99.3 99.3 99.4 99.4 99.2 99.5 99.6 800 95.5 96.8 97.7 98.5 99.0 99.0 99.2 99.2 99.5 99.5 99.5 99.5 99.6 GE 99.6 97.7 99.3 99.6 99.6 99.6 99.3 99.3 99.5 99.6 99.6 GE 700 95.5 96.8 98.5 99.0 99.1 GE 600 95.5 96.9 97.8 98.6 99.1 99.2 99.3 99.4 99.4 99.7 99.7 99.7 99,7 99.7 99.8 99.8 99.5 99.8 99.8 99.8 GΕ 500| 95.6 96.9 97.8 98.6 99.2 99.2 99.4 99.5 99.7 99.8 99.8 99.8 99.8 GE 400 95.6 96.9 97.8 98.7 99.2 99.3 99.5 99.5 99.5 99.8 99.8 99.9 99.9 99.9 99.9 99.3 99.5 99.5 300 95.6 97.8 99.2 99.5 99.8 99.9 99.9 99.9 99.9 99.9 99.9 GE 96.9 98.7 GE 200 95.6 96.9 97.8 98.7 99.2 99.3 99.5 99.5 99.5 99.8 99.9 99.9 99.9 99.9 100.0 100.0 100 95.6 97.8 99.2 99.3 99.5 99.5 99.5 99.8 99.9 99.9 99.9 100.0 100.0 96.9 98.7 GE GE 000 95.6 96.9 97.8 98.7 99.2 99.3 99.5 99.5 99.8 99.9 99.9 99.9 99.9 100.0 100.0

TOTAL NUMBER OF OBSERVATIONS 7435

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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5 MONTH: NOV HOURS: 00-02

		•		LSI	10 010	+ ,					MON I II .	NOV	HOUKS:	00-02			
CEILING VISIBILITY IN STTUTE MILES																	
IN		GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEE		7	6	5	4	3	2 1/2	2		1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
LEE	: 1	,	0	•	4	3	2 1/2	2	1 1/2	1 1/4	'	3/4	3/6	1/2	3/0	1/4	U
••••			• • • • • • • •	• • • • • • •	• • • • • • •	•••••	• • • • • • •		• • • • • • •	• • • • • • •	• • • • • •	•••••	• • • • • • •				
NO C	EIL	59.4	60.0	60.6	60.8	60.9	60.9	60.9	61.1	61.1	61.6	61.6	61.6	61.9	61.9	62.1	62.1
	,	37.17	00.0	55.5	00.0		••••		• • • • • • • • • • • • • • • • • • • •		• • • • • • • • • • • • • • • • • • • •			• • • • • • • • • • • • • • • • • • • •	•		
GE 2	20000	67.4	68.2	68.9	69.1	69.4	69.4	69.4	69.7	69.7	70.1	70.2	70.2	70.6	70.6	70.8	70.8
		67.4	68.2	68.9	69.1	69.4	69.4	69.4	69.7	69.7	70.1	70.2	70.2	70.6	70.6	70.8	70.8
		67.4	68.2	68.9	69.1	69.4	69.4	69.4	69.7	69.7	70.1	70.2	70.2	70.6	70.6	70.8	70.8
		67.8	68.6	69.3	69.6	69.9	69.9	69.9	70.1	70.1	70.6	70.7	70.7	71.0	71.0	71.2	71.2
		69.8	70.6	71.3	71.6	71.9	71.9	71.9	72.1	72.1	72.6	72.7	72.7	73.0	73.0	73.2	73.2
GE 1	10000	73.0	73.8	74.6	74.8	75.1	75.1	75.1	75.3	75.3	75.8	75.9	75.9	76.2	76.2	76.4	76.4
GΕ	9000 i	74.6	75.3	76.1	76.3	76.7	76.7	76.7	76.9	76.9	77.3	77.4	77.4	77.8	77.8	78.0	78.0
GE	8000 i	76.9	77.7	78.9	79.1	79.6	79.6	79.6	79.8	79.8	80.2	80.3	80.3	80.8	80.8	81.0	81.0
GE	7000	77.1	77.9	79.1	79.3	79.8	79.8	79.8	80.0	80.0	80.4	80.6	80.6	81.0	81.0	81.2	81.2
GΕ	6000	77.6	78.3	79.6	79.8	80.2	80.2	80.2	80.4	80.4	80.9	81.0	81.0	81.4	81.4	81.7	81.7
	i																
GE	5000	79.9	80.7	81.9	82.1	82.6	82.6	82.6	82.8	82.8	83.2	83.3	83.3	83.8	83.8	84.0	84.0
GE	4500 j	81.6	82.3	83.7	84.0	84.4	84.4	84.4	84.7	84.7	85.1	85.2	85.2	85.7	85.7	85.9	85.9
GE	4000	84.1	84.9	86.6	86.9	87.3	87.3	87.3	87.6	87.6	88.0	88.1	88.1	88.6	88.6	88.8	88.8
GE	3500 i	86.7	87.6	89.2	89.6	90.0	90.0	90.0	90.2	90.2	90.7	90.8	90.8	91.2	91.2	91.4	91.4
		88.9	89.8	91.4	91.8	92.2	92.2	92.2	92.4	92.4	92.9	93.0	93.0	93.4	93.4	93.7	93.7
	i																
GE	2500	90.1	91.0	92.7	93.1	93.6	93.6	93.6	93.8	93.8	94.2	94.3	94.3	94.8	94.8	95.0	95.0
GE	2000 i	90.9	91.8	93.4	93.9	94.3	94.3	94.3	94.6	94.6	95.0	95.1	95.1	95.6	95.6	95.8	95.8
GE	1800	91.0	91.9	93.6	94.0	94.4	94.4	94.4	94.7	94.7	95.1	95.2	95.2	95.7	95.7	95.9	95.9
GE	1500	91.2	92.1	93.8	94.2	94.8	94.8	94.8	95.0	95.0	95.4	95.6	95.6	96.0	96.0	96.2	96.2
GΕ	1200	92.1	93.1	94.9	95.4	96.0	96.0	96.1	96.3	96.3	96.8	96.9	96.9	97.3	97.3	97.6	97.6
	i																
GE	1000	92.1	93.1	94.9	95.4	96.0	96.0	96.1	96.3	96.3	96.8	96.9	96.9	97.3	97.3	97.6	97.6
GE	900	93.0	94.0	95.8	96.3	96.9	96.9	97.0	97.2	97.2	97.7	97.8	97.8	98.2	98.2	98.4	98.4
GE	800	93.2	94.2	96.0	96.6	97.1	97.1	97.2	97.4	97.4	97.9	98.0	98.0	98.4	98.4	98.7	98.7
GΕ	700	93.9	94.9	96.8	97.3	97.9	97.9	98.0	98.2	98.2	98.7	98.8	98.8	99.2	99.2	99.4	99.4
GE	600	94.1	95.1	97.0	97.6	98.1	98.1	98.2	98.4	98.4	98.9	99.0	99.0	99.4	99.4	99.7	99.7
	į	ŀ															
GΕ	500	94.1	95.1	97.0	97.6	98.1	98.1	98.2	98.4	98.4	98.9	99.0	99.0	99.4	99.4	99.7	99.7
GE	400	94.2	95.2	97.1	97.7	98.3	98.3	98.6	98.8	98.8	99.2	99.3	99.3	99.8	99.8	100.0	100.0
GE	300	94.2	95.2	97.1	97.7	98.3	98.3	98.6	98.8	98.8	99.2	99.3	99.3	99.8	99.8	100.0	100.0
GE	200 j	94.2	95.2	97.1	97.7	98.3	98.3	98.6	98.8	98.8	99.2	99.3	99.3	99.8	99.8	100.0	100.0
GE	100	94.2	95.2	97.1	97.7	98.3	98.3	98.6	98.8	98.8	99.2	99.3	99.3	99.8	99.8	100.0	100.0
	j																
GE	000	94.2	95.2	97.1	97.7	98.3	98.3	98.6	98.8	98.8	99.2	99.3	99.3	99.8	99.8	100.0	100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5 PERIOD OF RECORD: NOV 78 - OCT 88

			L5	1 10 01	L: + 3					MUNI	H: NUV	HOUKS	: 05-05			
CEILING	• • • • • • •	• • • • • • •	•••••	• • • • • • •		VISIBII	LITY IN	STATUTI	MILES	• • • • • •	• • • • • • •		•••••	• • • • • • •		
IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE O
	· · · · · ·			•••••												
NO CEIL	57.0	57.9	58.7	59.2	59.9	59.9	60.1	60.2	60.2	61.3	61.6	61.6	62.3	62.3	62.8	63.0
GE 20000	66.9	67.8	68.6	69.2	69.9	69.9	70.1	70.2	70.2	71.3	71.7	71.7	72.4	72.4	72.9	73.1
GE 18000	66.9	67.8	68.6	69.2	69.9	69.9	70.1	70.2	70.2	71.3	71.7	71.7	72.4	72.4	72.9	73.1
GE 16000	1 66.9	67.8	68.6	69.2	69.9	69.9	70.1	70.2	70.2	71.3	71.7	71.7	72.4	72.4	72.9	73.1
GE 14000		68.0	68.8	69.4	70.1	70.1	70.3	70.4	70.4	71.6	71.9	71.9	72.7	72.7	73.1	73.3
GE 12000	69.2	70.1	70.9	71.6	72.2	72.2	72.4	72.6	72.6	73.7	74.0	74.0	74.8	74.8	75.2	75.4
GE 10000	72.4	73.3	74.1	74.8	75.4	75.4	75.7	75.8	75.8	76.9	77.2	77.2	78.0	78.0	78.4	78.7
	74.4	75.3	76.1	76.8	77.4	77.4	77.7	77.8	77.8	78.9	79.2	79.2	80.0	80.0	80.4	80.7
	75.8	76.7	77.4	78.1	78.8	78.8	79.0	79.1	79.1	80.2	80.6	80.6	81.3	81.3	81.8	82.0
	76.2	77.1	77.9	78.6	79.2	79.2	79.4	79.6	79.6	80.7	81.0	81.0	81.8	81.8	82.2	82.4
GE 6000	76.6	77.4	78.2	78.9	79.6	79.6	79.8	79.9	79.9	81.0	81.3	81.3	82.1	82.1	82.6	82.8
GE 5000	78.0	78.9	79.7	80.3	81.0	81.0	81.2	81.3	81.3	82.4	82.8	82.8	83.6	83.6	84.0	84.2
	79.7	80.7	81.4	82.1	82.8	82.8	83.0	83.1	83.1	84.2	84.6	84.6	85.3	85.3	85.8	86.0
	81.2	82.3	83.7	84.3	85.0	85.0	85.2	85.3	85.3	86.4	86.8	86.8	87.6	87.6	88.0	88.2
	82.7	83.8	85.2	85.9	86.6	86.6	86.8	86.9	86.9	88.0	88.3	88.3	89.1	89.1	89.6	89.8
GE 3000	84.6	85.7	87.2	87.9	88.6	88.6	88.8	88.9	88.9	90.0	90.3	90.3	91.1	91.1	91.6	91.8
GE 2500	86.3	87.4	89.0	89.8	90.4	90.4	90.7	90.8	90.8	91.9	92.2	92.2	93.0	93.0	93.4	93.7
	88.0	89.2	91.0	91.8	92.4	92.4	92.7	92.8	92.8	93.9	94.2	94.2	95.0	95.0	95.4	95.7
GE 1800	88.0	89.2	91.0	91.8	92.4	92.4	92.7	92.8	92.8	93.9	94.2	94.2	95.0	95.0	95.4	95.7
	88.1	89.4	91.2	92.0	92.7	92.7	92.9	93.0	93.0	94.1	94.4	94.4	95.2	95.2	95.7	95.9
GE 1200	88.7	90.0	91.8	92.7	93.3	93.3	93.6	93.7	93.7	94.8	95.1	95.1	95.9	95.9	96.3	96.6
GE 1000	88.8	90.1	91.9	92.8	93.4	93.4	93.7	93.8	93.8	94.9	95.2	95.2	96.0	96.0	96.4	96.7
	89.0	90.3	92.1	93.0	93.7	93.7	93.9	94.0	94.0	95.1	95.4	95.4	96.2	96.2	96.7	96.9
GE 800	89.2	90.6	92.4	93.3	94.0	94.0	94.2	94.3	94.3	95.4	95.8	95.8	96.6	96.6	97.0	97.2
	89.9	91.4	93.4	94.3	95.2	95.2	95.4	95.6	95.6	96.7	97.0	97.0	97.8	97.8	98.2	98.4
GE 600	89.9	91.4	93.4	94.3	95.4	95.4	95.7	95.8	95.8	96.9	97.2	97.2	98.0	98.0	98.4	98.7
GE 500	90.1	91.7	93.7	94.6	95.7	95.7	95.9	96.0	96.0	97.1	97.4	97.4	98.2	98.2	98.7	98.9
GE 400	90.2	91.8	93.8	94.7	96.0	96.0	96.2	96.3	96.3	97.4	97.8	97.8	98.6	98.6	99.0	99.2
GE 300	90.2	91.8	93.8	94.7	96.0	96.0	96.2	96.3	96.3	97.4	97.8	97.8	98.8	98.8	99.2	99.6
GE 200	90.2	91.8	93.8	94.7	96.0	96.0	96.2	96.3	96.3	97.4	97.9	97.9	98.9	98.9	99.3	99.8
GE 100	90.2	91.8	93.8	94.7	96.0	96.0	96.2	96.3	96.3	97.4	97.9	97.9	99.0	99.0	99.4	100.0
GE 000	90.2	91.8	93.8	94.7	96.0	96.0	96.2	96.3	96.3	97.4	97.9	97.9	99.0	99.0	99.4	100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5 PERIOD OF RECORD: NOV 78 - OCT 88

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CEILING VISIBILITY IN STATUTE MILES														• • • • • •			
	IN I	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
		7	6	5	4	3	2 1/2	2		1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
r	EET	í '	۰	2	4	3	2 1/2	2	1 1/2	1 1/4	,	3/4	3/6	1/2	3/0	1/4	U
••	• • • • • • •		• • • • • • •			• • • • • • •		• • • • •							• • • • • •	• • • • • •	• • • • • •
NO.	CEIL	49.1	49.8	50.4	51.4	52.0	52.0	52.4	52.4	52.4	53.3	53.4	53.4	54.3	54.3	54.9	55.3
NU	CEIL	47 .1	47.0	50.4	21.4	72.0	32.0	JE.4	JE.4	JE.4	,,,,	22.4	73.4	74.3	74.3	24.7	,,,,
CE	20000	 60 6	61.6	62.6	63.8	64.4	64.4	64.9	64.9	64.9	65.9	66.0	66.0	66.9	66.9	67.6	68.0
	18000		61.9	62.9	64.1	64.8	64.8	65.2	65.2	65.2	66.2	66.3	66.3	67.2	67.2	67.9	68.3
	16000		62.6	63.7	64.9	65.6	65.6	66.0	66.0	66.0	67.0	67.1	67.1	68.0	68.0	68.7	69.1
	14000		62.9	64.0	65.2	65.9	65.9	66.3	66.3	66.3	67.3	67.4	67.4	68.3	68.3	69.0	69.4
	12000	,	65.4	66.6	67.8	68.7	68.7	69.2	69.2	69.2	70.2	70.3	70.3	71.2	71.2	71.9	72.3
GE	12000	04.4	65.4	60.6	01.0	00.7	00.1	07.2	07.2	07.2	10.2	70.3	,0.5	11.2	11.2	11.7	16.5
GE	10000	67 4	68.4	69.6	70.8	71.7	71.7	72.2	72.2	72.2	73.2	73.3	73.3	74.2	74.2	74.9	75.3
GE		69.3	70.3	71.4	72.7	73.6	73.6	74.1	74.1	74.1	75.1	75.2	75.2	76.1	76.1	76.8	77.2
		70.3	71.3	72.7	73.9	74.8	74.8	75.4	75.4	75.4	76.4	76.6	76.6	77.4	77.4	78.1	78.6
GE			71.7	73.0	74.2	75.1	74.0 75.1	75.8	75.8	75.8	76.8	76.9	76.9	77.8	77.8	78.4	78.9
GE		70.7			75.2				76.8	76.8	77.8	77.9	77.9	78.8	78.8	79.4	79.9
GE	8000	71.7	72.7	74.0	73.2	76.1	76.1	76.8	10.0	70.0	77.0	11.7	11.7	70.0	70.0	17.4	17.7
GE	5000	73.7	74.7	76.0	77.2	78.1	78.1	78.8	78.8	78.8	79.8	79.9	79.9	80.8	80.8	81.4	81.9
GE		75.7	76.7	78.0	79.2	80.1	80.1	80.8	80.8	80.8	81.8	81.9	81.9	82.8	82.8	83.4	83.9
		77.2	78.2	79.6	80.9	81.9	81.9	82.7	82.7	82.7	83.7	83.8	83.8	84.7	84.7	85.3	85.8
GE						85.0		85.8	85.8	85.8	86.8	86.9	86.9	87.8	87.8	88.4	88.9
GE		80.0	81.1	82.6	84.0		85.0					88.2					
GE	3000	80.9	82.2	83.7	85.2	86.3	86.3	87.1	87.1	87.1	88.1	00.2	88.2	89.1	89.1	89.8	90.2
GE	2500	82.2	83.6	85.3	87.0	88.1	88.1	88.9	88.9	88.9	89.9	90.0	90.0	90.9	90,9	91.6	92.0
GE		83.1	84.4	86.7	88.6	89.7	89.7	90.7	90.7	90.7	91.7	91.8	91.8	92.7	92.7	93.3	93.8
		83.2				89.9	89.9	90.7	90.7	90.7	91.9	92.0	92.0	92.9	92.9	93.6	94.0
GE			84.6	86.9	88.8						92.8	92.9	92.9	93.8	93.8	94.4	94.9
GE	,	83.3	84.8	87.4	89.4	90.6	90.6	91.8	91.8	91.8							
GE	1200	84.0	85.6	88.3	90.3	91.4	91.4	92.8	92.8	92.8	93.8	93.9	93.9	94.8	94.8	95.4	95.9
GE	1000	84.2	85.8	88.7	90.7	91.8	91.8	93.1	93.1	93.1	94.1	94.2	94.2	95.1	95,1	95.8	96.2
GE	- 1	84.4	86.2	89.2	91.2	92.3	92.3	93.7	93.7	93.7	94.7	94.8	94.8	95.7	95.7	96.3	96.8
GE		84.7	86.4	89.4	91.4	92.6	92.6	93.9	93.9	93.9	94.9	95.0	95.0	95.9	95.9	96.6	97.0
	1							94.1			95.1	95.2	95.2	96.1			97.2
GE		84.8	86.6	89.6	91.6	92.8	92.8		94.1	94.1					96.1	96.8	
GE	900	84.9	86.7	89.8	91.8	93.1	93.1	94.4	94.4	94.4	95.4	95.6	95.6	96.4	96.4	97.1	97.6
^F	5001	85.2	87.0	90.1	92.1	93.4	93.4	94.8	94.8	94.8	95.8	95.9	95.9	96.8	96.8	97.6	98.0
GE						93.4	-					96.1	96.1	97.0		97.8	98.2
GE		85.2	87.0	90.1	92.1		93.4	94.8	94.9	94.9	96.0				97.0		
GE		85.2	87.0	90.1	92.2	93.6	93.6	94.9	95.0	95.0	96.2	96.3	96.3	97.3	97.3	98.4	99.0
GE		85.2	87.0	90.1	92.2	93.6	93.6	95.0	95.3	95.3	96.6	96.7	96.7	97.7	97.7	98.9	99.4
GE	100	85.2	87. 0	90.1	92.2	93.6	93.6	95.0	95.3	95.3	96.6	96.7	96.7	98.0	98.0	99.2	99.9
	000	05.2	07.0	00.4	02.2	93.6	07.4	05.0	95.3	95.3	96.6	96.7	96.7	98.0	98.0	99.3	100.0
GE	000	85.2	87.0	90.1	92.2	73.0	93.6	95.0	42.3	77.3	70.0	90 ./	90.7	70. U	70.0	77.3	100.0
			<i>.</i>														

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: NOV HOURS: 09-11

				LS.	TU OT	C: + 5					MONT	H: NOV	HOURS	: 09-11			
• • • •		• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •					• • • • • •		• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •
CEIL					0.5					E MILES							
IN	,	GE	GE	GE 5	GE 4	GE 3	GE	GE	GE	GE 1 1/4	GE	GE	GE E (0	GE	GE 7 (9	GE	GE
FEE	.	7	6)	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
••••	• • • • • • •		• • • • • • •		• • • • • • •	• • • • • • •		• • • • • •					• • • • • • •	•••••	• • • • • •		• • • • • •
NO C	EIL	52.1	52.6	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.8	52.8	52.8	52.8	52.8	52.8	52.8
	į																
		63.7	64.3	64.3	64.7	64.7	64.7	64.7	64.7	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8
		64.4	65.1	65.1	65.4	65.4	65.4	65.4	65.4	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6
		65.1	65.8	65.8	66.1	66.1	66.1	66.1	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2
		65.7	66.3	66.3	66.7	66.7	66.7	66.7	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 1	2000	68.3	69.0	69.0	69.3	69.3	69.3	69.3	69.3	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 1	ا مممم	72.7	73.3	73.3	73.7	73.7	73.7	73.7	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8
		73.6	74.2	74.3	74.7	74.7	74.7	74.8	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9
		76.7	77.3	77.4	77.8	77.8	77.8	77.9	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0
	,	77.2	77.9	78.0	78.3	78.3	78.3	78.4	78.4	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6
	,	79.1	79.9	80.0	80.3	80.3	80.3	80.4	80.4	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GC	, 1	17.,	""	00.0	00.5	00.5	00.5	00.4	00.4	00.4	00.0	00.0	00.0	00.0	00.0	00.0	00.0
GE	5000	81.4	82.2	82.4	82.8	82.9	82.9	83.0	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE .	4500 j	84.0	84.9	85.1	85.4	85.6	85.6	85.7	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE -	4000 j	85.4	86.4	86.7	87.0	87.3	87.3	87.6	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE :	3500 j	87.2	88.2	88.4	89.1	89.4	89.4	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE :	3000 j	88.1	89.1	89.3	90.0	90.3	90.3	90.6	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7
	Ì																
	•	88.4	89.4	89.7	90.3	90.7	90.7	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0
		89.9	91.0	91.4	92.1	92.4	92.6	92.8	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9
		90.1	91.2	91.7	92.3	92.7	92.8	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1
		90.2	91.3	92.3	93.0	93.3	93.4	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE	1200	90.8	91.9	93.0	93.7	94.0	94.1	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE	1000 l	90.9	92.0	93.1	93.8	94.1	94.2	94.4	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE		91.3	92.4	93.7	94.6	94.9	95.0	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE		92.4	93.6	94.8	95.7	96.0	96.1	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE		92.8	93.9	95.1	96.0	96.3	96.4	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE		93.4	94.6	96.0	96.9	97.4	97.6	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9
		,	,,,,	,	,,,,,				7.10	, ·	,,,,,		,	,,,,		****	
GE	500	94.0	95.2	96.7	97.6	98.1	98.2	98.4	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE	400	94.2	95.6	97.2	98.1	98.9	99.0	99.2	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE	300	94.2	957	97.3	98.3	99.1	99.2	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE		94.2	95.7	97.3	98.3	99.1	99.2	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE	100	94.2	95.7	97.3	98.3	99.1	99.2	99.4	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99,9
]																
GE	000	94.2	95.7	97.3	98.3	99.1	99.2	99.4	99.6	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0
					• • • • • • • •												

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: NOV HOURS: 12-14

						,					HON	AUT	HOOKS	. 16 17			
	ILING	• • • • • • •	•••••	• • • • • • •	• • • • • • •	• • • • • • •	VICIDI	17V 1	L CTATUT			• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	•••••
	IN	l GE	GE	C.E.	^	05	GE	GE	N STATUTI GE								
				GE	GE	GE				GE	GE	GE	GE	GE	GE	GE	GE
r	EET	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
• •	• • • • • •		• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • •		• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	•••••
		!		/0.0			40.0		/n n		40.0						
NO	CEIL	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
		!															
	20000		68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
	18000		68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
	16000		68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
	14000		69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
GE	12000	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
													_				
	10000		74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE		74.9	75.1	75.4	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE		78.6	78.8	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
G€	7000	78.8	79.0	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE	6000	79.7	79.9	80.4	80.4	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
GE	5000	81.8	82.1	82.8	82.9	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83,2	83.2	83.2
GE	4500	85.7	86.1	86.8	86.9	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE	4000	87.4	88.0	89.0	89.1	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GΕ	3500	89.1	89.8	90.8	90.9	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE	3000	89.8	90.6	91.7	91.8	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE	2500	91.6	92.3	93.4	93.6	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE	2000	92.2	93.3	94.6	94.8	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE	1800	92.6	93.8	95.0	95.2	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE	•	93.3	94.6	95.9	96.1	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE		94.4	95.7	97.3	97.7	98.1	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
					••••		,0.2	,0.0	,0.0	,0.0	,0.0	,0.0	/0.0	,0.0	70.0	70.0	70.0
GE	1000	94.7	95.9	97.6	97.9	98.3	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE	•	94.8	96.0	97.7	98.0	98.4	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE		94.8	96.0	97.7	98.0	98.4	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE		94.8	96.0	97.7	98.0	98.4	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE		95.1	96.3	98.1	98.8	99.2	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
-	000	,,,,	,0.5	,	,0.0	77.2	77.3	77.1	77.1	77.1	77.1	77.1	77.1	77.7	77.1	99.1	99.7
GE	5001	95.1	96.3	98.1	98.8	99.2	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE	,	95.1	96.3	98.1	98.8	99.2	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8			
GE	,	95.1	96.3	98.1	99.0	99.4	99.6	100.0		100.0					99.8	99.8	99.8
GE		95.1	96.3	98.1	99.0	99.4	99.6	100.0			100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	•	95.1	96.3	98.1	99.0	99.4	99.6						-		100.0	100.0	100.0
GE	1001	73.1	70.3	70.1	77.0	77.4	77.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	ו חחח	95.1	96.3	98.1	99.0	99.4	99.6	100.0	100.0	100 0	100 0	100.0	100.0	100.0	100.0	100.0	100.0
GE	000	77.1	70.3	70.1	77.0	77.4	99 .0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
• • •					• • • • • •							• • • • • • • • • • • • • • • • • • •					

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5 MONTH: NOV HOURS: 15-17

				LSI	10 010	: + >					MONT	H: NUV	HOURS	: 15-17	'		
CEILIN	iG	•••••	• • • • • •			•••••	VISIBIL	ITY IN	STATUT	E MILES		• • • • • • •	• • • • • • •	•••••	•••••	• • • • • •	• • • • • •
IN	- 1	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	ĺ	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
• • • • • •	• • • •	• • • • • •		• • • • • • •		• • • • • •		•••••	•••••	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	•••••	• • • • • •	• • • • •
NO CEI		50.6	50.7	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
NO CE.	1	30.0	30	30.7	,,,	20.,	3017		,,,,	30.7	,,,,	3017	,,,,	30.7	20.,	30.7	20.7
GE 200	000 j	70.8	70.9	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 180	100	71.0	71.1	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 160			71.8	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 140			72.1	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 120	100	73.6	73.7	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 100	I 1000	77.6	77.7	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
	,	78.8	78.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
-	- 1	81.3	81.4	82.4	82.4	82.4	82,4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 70	00	81.8	81.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 60	100	82.4	82.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
05 50	100	0/ 7	0/ 0	0F 0	94.0	94.0	94 0	86.0	86.0	86.0	94.0	86.0	86.0	94 0	94 0	94.0	86.0
	•	84.7 87.3	84.8 87.6	85.9 88.7	86.0 88.8	86.0 88.8	86.0 88.8	88.8	88.8	88.8	86.0 88.8	88.8	88.8	86.0 88.8	86.0 88.8	86.0 88.8	88.8
	•	88.6	88.9	90.0	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
		90.2	90.7	92.0	92.2	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
		90.9	91.3	92.8	93.2	93.4	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GL JO	100	,0.,	71.3	72.0	73.2	73.4	,,,,	,,,,	75.0	,,,,	,3.0	,,,,	,5.0	,3.0	73.0	,3.0	,,,,
GE 25	00	92.3	92.8	94.2	94.7	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 20	00	93.4	93.9	95.6	96.1	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 18	100	94.0	94.4	96.1	96.7	96.9	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 15	00	94.1	94.7	96.3	97.0	97.2	97.2	97.4	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 12	00	94.4	95.3	97.1	98.0	98.2	98.2	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 10	1 00	94.8	95.8	97.7	98.6	98.8	98.8	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
	,	94.8	95.8	97.7	98.6	98.8	98.8	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
		94.8	95.8	97.7	98.6	98.8	8.89	99.0	99.0	99.0	99.1	99.1	99.1	99.1		99.1	99.1
	•	94.8	95.8	97.7	98.6	98.8	98.8	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
		95.1	96.1	98.0	99.1	99.3	99.3	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 5	001	95.2	04.2	98.1	99.2	99.7	99.7	99.9	99.9	00.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		95.2	96.2		99.2	99.7	99.7	99.9	99.9		100.0			100.0		100.0	100.0
		95.2	96.2 96.2	98.1 98.1	99.2	99.7	99.7	99.9	99.9			100.0		100.0	100.0	100.0	100.0
	. ,	95.2	96.2	98.1	99.2	99.7	99.7	99.9	99.9			100.0			100.0	100.0	100.0
		95.2	96.2	98.1	99.2	99.7	99.7	99.9	99.9			100.0			100.0	100.0	100.0
JL I	1	,,,,	70.2	70.1	77.6	77.1	,,,,	,,.,	,,,,	,,,,	.50.0	.00.0	.00.0	.00.0	.00.0	100.0	.00.0
GE 0	00	95.2	96.2	98.1	99.2	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88

				LSI	TO UTO	: + 5					MONT	H: NOV	HOURS	: 18-20			
cr.		• • • • • •	• • • • • • •			• • • • •	VICIDII		STATUTE	MILES	• • • • • •	• • • • • •		• • • • • •	• • • • • •		•••••
	ILING In	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	CE	GE	G€
	ET	1 7	6	5	4	3	2 1/2	2		1 1/4		3/4	5/8	1/2	3/8	1/4	0
	•••	, 			· · · · · · · ·												
			F2 7	E7 0	E7 0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	E 7 0	53.0
NO	CEIL	52.7	52.7	53.0	53.0	55.0	22.0	22.0	33.0	33.0	22.0	55.0	23.0	55.0	23.0	53.0	55.0
GE	20000	68.1	68.2	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE	18000	68.1	68.2	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
	16000		68.3	68.7	68.7	68.7	68.8	68.8	68.8	68.8	68.8	8,86	68.8	68.8	68.8	68.8	68.8
	14000	•	69.1	69.4	69.4	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE	12000	70.3	70.4	70.8	70.8	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE	10000	74.6	74.7	75.2	75.2	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE	9000	76.7	76.8	77.3	77.3	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE	8000	80.2	80.3	80.9	80.9	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE	7000	80.3	80.4	81.0	81.0	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE	6000	81.0	81.1	81.7	81.7	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE	5000	82.7	82.8	83.3	83.3	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE	4500	84.3	84.9	85.8	85.8	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE	4000	87.3	88.2	89.2	89.4	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE	3500	88.6	89.4	90.7	90.9	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE	3000	90.2	91.2	92.4	92.8	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE	2500	91.8	93.1	94.3	94.7	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE	2000	93.1	94.4	95.8	96.2	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE	1800	93.2	94.6	95.9	96.3	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE		93.4	94.9	96.2	96.8	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
G€	1200	93.8	95.6	96.9	97.4	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE	1000	94.0	95.8	97.1	97.7	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE	900	94.1	96.1	97.7	98.2	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE	800	94.1	96.1	97.8	98.3	99.1	99.2	99.3	99.3	99.3	99,3	99.3	99.3	99.3	99.3	99.3	99.3
GE		94.1	96.1	97.8	98.3	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE	600	94.4	96.4	98.1	98.7	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE	500	94.4	96.4	98.1	98.7	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE		94.4	96.4	98.1	98.7	99.4	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE		94.4	96.6	98.2	98.8	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	,	94.4	96.6	98.2	98.8	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	100	94.4	96.6	98.2	98.8	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	000	94.4	96.6	98.2	98.8	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
							• • • • • • •										

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88

				LS	T TO UT	C: + 5					MONTH	1: NOV	HOURS	: 21-23			
cr.			• • • • • • • •	••••	• • • • • • •		VICIDI		STATUT		• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •
	ILING In	GE	GE	GE	GE	GE	GE GE	-111 TW	GE	GE	GE	GE	GE	GE	GE	GE	GE
	ET	7	6	5	4	3	2 1/2	2		1 1/4	1	3/4	5/8	1/2	3/8	1/4	(
		, ,									, 	3/4			3/0		
•••				•••••	• • • • • • • •						• • • • • •		• • • • • • •	• • • • • • •	•••••	• • • • • •	• • • • • •
NO	CEIL	57.9	57.9	58.3	58.8	59.1	59.1	59.2	59.2	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3
GE	20000	67.9	67.9	68.3	68.8	69.1	69.1	69.2	69.2	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3
GE	18000	67.9	67.9	68.3	68.8	69.1	69.1	69.2	69.2	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.
GE	16000	68.0	68.0	68.4	68.9	69.2	69.2	69.3	69.3	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE	14000	68.1	68.1	68.6	69.0	69.3	69.3	69.4	69.4	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.1
GE	12000	69.4	69.4	69.9	70.3	70.7	70.7	70.8	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.
GE	10000	74.3	74.3	74.8	75.2	75.6	75.6	75.7	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.1
GE		75.9	75.9	76.3	76.8	77.1	77.1	77.2	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.
GE	,	79.0	79.2	79.7	80.1	80.4	80.4	80.6	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.
GE	7000	79.1	79.3	79.8	80.2	80.6	80.6	80.7	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.4
GE	6000	79.4	79.7	80.1	80.6	80.9	80.9	81.0	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.
GE	Soon	81.3	81.8	82.2	82.7	83.0	83.0	83.1	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.;
GE		84.2	84.7	85.1	85.6	85.9	85.9	86.0	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.
GE		86.0	86.4	87.2	87.9	88.2	88.2	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.
GE		87.6	88.0	88.8	89.4	89.8	89.8	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.
GE	•	89.3	89.9	90.8	91.4	91.8	91.8	91.9	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.
																	_
GE		90.9	91.4	92.4	93.1	93.4	93.4	93.6	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.
GE	2000	92.1	92.9	93.9	94.6	94.9	94.9	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.
GE	1800	92.4	93.3	94.3	95.0	95.3	95.3	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.
GE	1500	92.7	93.6	94.7	95.3	95.8	95.8	96.0	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.
GE	1200	93.8	94.9	96.0	96.7	97.1	97.1	97.3	97.3	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.
GE	10001	94.1	95.2	96.3	97.0	97.4	97.4	97.7	97.7	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.
GE		94.6	96.0	97.1	97.8	98.2	98.2	98.4	98.4	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.
GE		94.9	96.3	97.4	98.1	98.6	98.6	98.8	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.
GE	- 1	95.2	96.7	97.8	98.4	99.0	99.0	99.2	99.2	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.
GE		95.2	96.7	97.8	98.4	99.0	99.0	99.2	99.2	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.
GE	5001	95.3	96.8	97.9	98.6	99.1	99.1	99.3	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.
GE		95.3		97.9	98.7	99.2	99.2	99.4	99.4	99.4	99.9	99.9	99.9	99.9	99.9	100.0	100.
		95.3	96.8 96.8	97.9	98.7	99.2	99.2	99.4	99.4	99.4	99.9	99.9	99.9	99.9	99.9	100.0	100.
GE				97.9	98.7 98.7	99.2	99.2	99.4	99.4 99.4	99.4 99.4	99.9	99.9	99.9	99.9	99.9	100.0	100.
GE	,	95.3	96.8				99.2	99.4	99.4 99.4			99.9	99.9	99.9	99.9		100.
GE	100	95.3	96.8	97.9	98.7	99.2	77.2	77.4	77.4	99.4	99.9	77.7	77.7	77.7	77.7	100.0	100.
GE	000	95.3	96.8	97.9	98.7	99.2	99.2	99.4	99.4	99.4	99.9	99.9	99.9	99.9	99.9	100.0	100.

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: NOV HOURS: ALL

				LU.													
		• • • • • •	• • • • • • •	• • • • • • • •	* • • • • • •	• • • • • • •	VICIBII	 1 T V . 1 AI	CTATUTE	MILEC	• • • • • •		• • • • • •	• • • • • • •	• • • • • •		
	LING			C E		6 E			STATUTE		CE	CE	CE.	ce	CE	CE	CE
	N	GΕ	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FE	ET	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
•••	•••••	• • • • • •	• • • • • • •	• • • • • • •	•••••	• • • • •	• • • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •		• • • • • •
						-		5 / 6	5	-, 0		FF 0	FF 0	rr (FC /	/	cr -
NO	CEIL	53.5	53.8	54.2	54.5	54.7	54.7	54.8	54.8	54.8	55.1	55.2	55.2	55.4	55.4	55.6	55.7
	20000		67.2	67.6	68.0	68.2	68.2	68.3	68.4	68.4	68.7	68.8	68.8	69.0	69.0	69.2	69.3
	18000		67.3	67.8	68.2	68.4	68.4	68.5	68.6	68.6	68.9	69.0	69.0	69.2	69.2	69.4	69.5
	16000		67.7	68.1	68.5	68.8	68.8	68.9	68.9	68.9	69.3	69.3	69.3	69.6	69.6	69.7	69.8
GΕ	14000	67.6	68.1	68.6	68.9	69.2	69.2	69.3	69.3	69.3	69.7	69.7	69.7	70.0	70.0	70.2	70.2
GE	12000	69.5	70.0	70.5	70.8	71.2	71.2	71.3	71.3	71.3	71.7	71.7	71.7	72.0	72.0	72.2	72.2
GE	10000	73.2	73.7	74.2	74.6	74.9	74.9	75.0	75.1	75.1	75.4	75.5	75.5	75.7	75.7	75.9	76.0
GE	9000	74.8	75.2	75.9	76.2	76.6	76.6	76.7	76.7	76.7	77.1	77.2	77.2	77.4	77.4	77.6	77.7
GE	8000	77.3	77.8	78.6	78.9	79.3	79.3	79.4	79.5	79.5	79.8	79.9	79.9	80.1	80.1	80.3	80.4
GE	7000	77.7	78.2	78.9	79.3	79.6	79.6	79.7	79.8	79.8	80.1	80.2	80.2	80.5	80.5	80.6	80.7
GE	6000	78.4	78.9	79.7	80.1	80.4	80.4	80.6	80.6	80.6	81.0	81.0	81.0	81.3	81.3	81.5	81.5
	Ì																
GE	5000	80.4	81.0	81.8	82.2	82.5	82.6	82.7	82.7	82.7	83.1	83.2	83.2	83.4	83.4	83.6	83.7
GE	4500	82.8	83.5	84.3	84.7	85.1	85.1	85.3	85.3	85.3	85.6	85.7	85.7	86.0	86.0	86.1	86.2
GE	4000	84.7	85.4	86.5	87.0	87.4	87.4	87.6	87.6	87.6	88.0	88.0	88.0	88.3	88.3	88.5	88.6
GE		86.5	87.3	88.5	89.0	89.4	89.4	89.6	89.7	89.7	90.0	90.1	90.1	90.4	90.4	90.5	90.6
GE		87.8	88.7	89.9	90.5	91.0	91.0	91.2	91.2	91.2	91.6	91.7	91.7	91.9	91.9	92.1	92.2
-	2000		•••	• • • • •	, , , ,	, , , ,											
GE	2500	89.2	90.1	91.4	92.0	92.5	92.5	92.7	92.8	92.8	93.1	93.2	93.2	93.4	93.4	93.6	93.7
GE		90.3	91.4	92.8	93.5	94.0	94.0	94.3	94.3	94.3	94.7	94.7	94.7	95.0	95.0	95.2	95.2
GE		90.6	91.6	93.1	93.8	94.3	94.3	94.5	94.6	94.6	94.9	95.0	95.0	95.3	95.3	95.4	95.5
GE	•	90.8	91.9	93.5	94.2	94.8	94.8	95.1	95.2	95.2	95.6	95.6	95.6	95.9	95.9	96.1	96.1
GE		91.5	92.8	94.4	95.2	95.8	95.8	96.2	96.2	96.2	96.6	96.7	96.7	97.0	97.0	97.1	97.2
JL	1200	71.3	,2.0	77.4	73.6	77.0	77.0	70.2	70.2	,0.2	,0.0	,	70.1	,,,,	,,,,	,,,,	,,,,
GE	1000	91.7	93.0	94.7	95.5	96.0	96.1	96.4	96.5	96.5	96.9	96.9	96.9	97.2	97.2	97.4	97.4
GE		92.0	93.4	95.1	96.0	96.5	96.6	96.9	97.0	97.0	97.3	97.4	97.4	97.7	97.7	97.8	97.9
GE		92.3	93.4	95.4	96.3	96.8	96.9	97.2	97.3	97.3	97.7	97.7	97.7	98.0	98.0	98.2	98.2
	, ,		-		_			97.6	97.6		98.0	98.1	98.1	98.4	98.4		98.6
GE		92.5	93.9	95.7	96.6	97.2	97.2			97.6						98.5	
GE	enni	92.8	94.2	96.0	96.9	97.6	97.7	98.0	98.1	98.1	98.5	98.5	98.5	98.8	98.8	99.0	99.1
	!								00.7						00.0	00.3	~~ 7
GE		92.9	94.3	96.2	97.1	97.8	97.9	98.3	98.3	98.3	98.7	98.8	98.8	99.0	99.0	99.2	99.3
GE	,	93.0	94.4	96.3	97.2	98.0	98.1	98.5	98.5	98.5	99.0	99.0	99.0	99.3	99.3	99.5	99.6
GE		93.0	94.4	96.3	97.3	98.1	98.2	98.5	98.6	98.6	99.1	99.1	99.1	99.4	99.4	99.7	99.8
GE		93.0	94.4	96.3	97.3	98.1	98.2	98.6	98.7	98.7	99.1	99.2	99.2	99.5	99.5	99.8	99.9
GE	100	93.0	94.4	96.3	97.3	98.1	98.2	98.6	98.7	98.7	99.1	99.2	99.2	99.6	99.6	99.8	100.0
	- 1																
GE	000	93.0	94.4	96.3	97.3	98.1	98.2	98.6	98.7	98.7	99.1	99.2	99.2	99.6	99.6	99.8	100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5 MONTH: DEC HOURS: 00-02 CEILING VISIBILITY IN STATUTE MILES GE GF GF GF GE GF GF GF ĪN FEET | 7 5 4 3 2 1/2 2 1 1/2 1 1/4 1 3/4 5/8 1/2 3/8 1/4 55.4 57.0 57.1 57.1 57.1 57.1 57.5 NO CEIL | 53.0 53.9 54.9 57.5 57.5 58.1 58.1 58.2 58 63.5 65.3 GE 20000 60.9 61.9 63.1 65.5 65.6 66.9 65.4 65.6 66.9 67.0 67 66.1 66.1 66.1 GE 18000 61.0 62.0 63.2 63.7 65.4 65.5 65.6 65.7 65.7 66.2 66.2 66.2 67.0 67.0 67.1 67 65.4 GE 16000 61.0 62.0 63.2 63.7 65.5 65.6 65.7 65.7 66.2 66.2 66.2 67.0 67.0 67.1 67 GE 14000 61.4 65.9 63.7 64.1 65.8 66.0 66.1 67.4 62.5 66.7 66.1 66.7 66.7 67.4 67.5 68 GE 12000 | 62.6 63.7 64.8 65.3 67.0 67.1 67.2 67.3 67.3 67.8 67.8 67.8 68.6 68.7 69 68.6 66.9 67.3 69.0 69.4 69.9 GE 100001 64.6 65.7 69.1 69.2 69.4 69.9 69.9 70.6 70.6 70.8 71 9000 65.8 67.1 68.3 68.7 70.4 70.5 70.6 70.8 70.8 71.3 71.3 71.3 72.0 72.0 72.2 72 GE GE 8000 | 69.7 71.0 72.3 72.7 74.4 74.5 74.6 74.7 74.7 75.3 75.3 75.3 76.0 76.0 76.1 76 7000| 70.0 74.9 71.3 72.6 73.0 74.7 75.1 76.3 77 GE 74.8 75.1 75.6 75.6 75.6 76.3 76.5 6000 71.1 72.4 73.9 74.3 76.1 76.2 76.3 76.5 76.5 77.0 77.0 77.0 77.7 77.7 77.8 78 GE 78.5 78.8 79.4 79.4 GE 50001 73.4 74.7 76.2 76.7 78.6 78.7 78.8 79.4 80.1 80.1 80.2 80 4500 74.7 76.0 77.5 78.0 79.8 79.9 80.0 80.1 80.1 80.6 80.6 81.4 81.4 82 80.6 81.5 GE 4000 77.0 78.3 79.8 80.2 82.0 82.2 82.3 82.4 82.4 82.9 82.9 82.9 83.7 83.7 83.8 84 GE 35001 78.7 80.0 81.5 81.9 83.8 83.9 84.0 84.1 84.1 84.6 84.6 84.6 85.4 85.4 85.5 86 82.2 83.7 84.1 30001 80.5 85.9 86.0 86.1 86.2 86.2 86.8 86.8 86.8 87.5 87.5 87.6 88 GE 25001 81.7 83.3 84.8 85.3 87.1 87.2 87.3 87.4 87.4 88.0 88.0 88.0 88.7 88.7 88.8 89 89.8 91.5 91.4 GF 2000 | 84.1 85.8 87.3 88.0 89.9 90.0 90.1 90.1 90.6 90.6 90.6 91.4 92 1800 | 84.3 86.0 87.5 88.2 90.0 90.1 90.2 90.3 90.3 90.9 90.9 90.9 91.6 91.6 91.7 92 GE GE 1500 | 85.3 87.2 88.8 89.8 91.6 91.7 91.8 91.9 91.9 92.5 92.5 92.5 73.2 93.2 93.3 94 91.0 GF 1200 | 86.2 88.3 90.0 92.8 92.9 93.0 931 93.1 93.7 93.7 93.7 94.4 94.4 94.5 95 GE 1000 | 86.6 88.6 90.3 91.3 93.1 93.2 93.3 93.4 93.4 94.0 94.0 94.0 94.7 95 94.7 94.8 900 86.8 89.1 90.9 91.8 93.7 93.8 93.9 94.0 94.0 94.5 94.5 94.5 95.3 95.3 95.4 96 GE 8.68 | 1008 89.1 91.0 91.9 93.8 94.1 GE 93.9 94.0 94.1 94.6 94.6 94.6 95.4 95.4 95.5 96 94.2 94.5 95.8 GΕ 700 86.9 89.4 91.4 92.4 94.3 94.4 94.5 95.1 95.1 95.1 95.8 95.9 96 91.8 92.8 GE 6001 87.1 89.6 94.6 94.7 94.8 94.9 94.9 95.5 95.5 95.5 96.2 96.2 96.3 97 92.4 500 87.3 93.4 95.3 GE 89.8 95.4 95.5 95.6 95.6 96.1 96.1 96.1 96.9 96.9 97.0 97 90.0 93.8 95.6 GF 4001 87.5 92.7 95.7 96.2 97.5 97.5 97.6 96.1 96.2 96.8 96.8 96.8 98 GE 300 87.5 90.0 92.7 93.8 95.7 95.9 96.3 96.5 96.5 97.0 97.0 97.7 97.7 97.8 97.0 98 GE 200 87.8 90.3 93.0 94.1 96.0 96.2 96.8 97.0 97.0 97.8 97.8 97.8 98.7 98.7 98.9 99 90,4 99.1 GE 1001 88.0 93.1 94.2 96.1 96.3 96.9 97.1 97.1 98.0 98.0 98.0 98.8 98.8 100 GF 000 88.0 90.4 93.1 94.2 96.1 96.3 96.9 97.1 97.1 98.0 98.0 98.0 98.8 98.8 99.1 100

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: DEC HOURS: 03-05

				LST	TO UTO	: + 5					MONTH	: DEC	HOURS:	03-05			
CEILI	· · · · ·	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	VISIBII	ITY IN	STATUTE	MILES	• • • • • •	• • • • • •		• • • • • •	• • • • • •	• • • • • •	
IN	1	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	r	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
	' 1		<i></i>														
			F0 0	F 2 0	52.5	c7 c	67.7	E/ 1	F/ 3	5 / 3		CE 0	EE 0	F/ 7	e, 7	F ()	F7 /
NO CE	:1L	49.4	50.8	52.0	52.5	53.5	53.7	54.1	54.2	54.2	55.8	55.8	55.8	56.7	56.7	56.9	57.6
GE 20	0000	59.1	60.8	62.2	62.7	63.8	63.9	64.3	64.4	64.4	66.1	66.1	66.1	67.1	67.1	67.3	68.1
GE 18	3000 J	59.1	8.06	62.2	62.7	63.8	63.9	64.3	64.4	64.4	66.1	66.1	66.1	67.1	67.1	67.3	68.1
GE 16	1000	59.1	60.8	62.2	62.7	63.8	63.9	64.3	64.4	64.4	66.1	66.1	66.1	67.2	67.2	67.4	68.2
GE 14	1000	59.7	61.3	62.7	63.2	64.3	64.4	64.8	64.9	64.9	66.7	66.7	66.7	67.7	67.7	68.0	68.7
GE 12	5000 Ì	60.0	61.6	63.0	63.5	64.6	64.7	65.2	65.3	65.3	67.0	67.0	67.0	68.1	68.1	68.3	69.0
GE 10	1 0000	61.5	63.3	64.7	65.3	66.3	66.5	66.9	67.0	67.0	68.7	68,7	68.7	69.8	69.8	70.0	70.8
	•	62.4	64.2	65.6	66.1	67.2	67.3	67.7	67.8	67.8	69.6	69.6	69.6	70.6	70.6	70.9	71.6
		64.6	66.6	68.1	68.6	69.7	69.8	70.2	70.3	70.3	72.0	72.0	72.0	73.1	73.1	73.3	74.1
GE 7	000	65.1	67.0	68.5	69.0	70.1	70.2	70.6	70.8	70.8	72.5	72.5	72.5	73.5	73.5	73.8	74.5
GE 6	000	65.9	67.8	69.4	69.9	71.1	71.2	71.6	71.7	71.7	73.4	73.4	73.4	74.5	74.5	74.7	75.5
GE 5	l Lannoi	68.9	70.9	72.4	72.9	74.1	74.2	74.6	74.7	74.7	76.5	76.5	76.5	77.5	77.5	77.7	78.5
		71.2	73.2	74.9	75.5	76.7	76.8	77.2	77.3	77.3	79.0	79.0	79.0	80.1	80.1	80.3	81.1
		72.7	74.9	76.7	77.2	78.4	78.5	78.9	79.0	79.0	80.8	80.8	80.8	81.8	81.8	82.0	82.8
		74.4	76.7	78.4	78.9	80.1	80.2	80.6	80.8	80.8	82.5	82.5	82.5	83.5	83.5	83.8	84.5
	,	75.5	78.1	79.8	80.3	81.5	81.6	82.2	82.3	82.3	84.0	84.0	84.0	85.1	85.1	85.3	86.0
J. J	1	,,,,	,	. ,	00.5	05	0110		02.5	52.5	• • • • • • • • • • • • • • • • • • • •		0	0211		03.3	
GE 2	500	77.2	79.8	81.5	82.0	83.2	83.3	83.9	84.0	84.0	85.7	85.7	85.7	86.8	86.8	87.0	87.7
GE 2	000	79.2	82.2	84.1	84.6	85.8	85.9	86.5	86.6	86.6	88.3	88.3	88.3	89.4	89.4	89.6	90.3
GE 1	800 j	79.6	82.5	84.4	85.2	86.3	86.5	87.0	87.1	87.1	88.8	88.8	88.8	89.9	89.9	90.1	90.9
GE 1	500	80.8	83.7	86.0	86.8	88.0	88.1	88.6	88.7	88.7	90.4	90.4	90.4	91.5	91.5	91.7	92.5
GE 1	200	81.2	84.2	86.9	87.7	89.0	89.1	89.7	89.8	89.8	91.5	91.5	91.5	92.6	92.6	92.8	93.5
GE 1	1000	81.3	84.3	87.0	87.8	89.1	89.2	89.8	89.9	89.9	91.6	91.7	91.7	92.8	92.8	93.0	93.8
	•	81.3	84.5	87.2	88.2	89.5	89.6	90.2	90.3	90.3	92.0	92.2	92.2	93.2	93.2	93.4	94.2
		81.3	84.5	87.3	88.5	89.8	89.9	90.5	90.6	90.6	92.4	92.5	92.5	93.5	93.5	93.8	94.5
	,	81.3	84.5	87.4	88.8	90.1	90.2	90.9	91.0	91.0	92.9	93.0	93.0	94.1	94.1	94.3	95.1
		81.5	84.7	87.8	89.2	90.5	90.6	91.4	91.5	91.5	93.4	93.5	93.5	94.6	94.6	94.8	95.6
GE	5001	81.7	84.9	88.2	89.6	90.9	91.0	91.9	92.0	92.0	94.0	94.1	94.1	95.2	95.2	95.4	96.1
-										_							
		82.4	85.7	89.1	90.6	91.9	92.0	93.1	93.3	93.3	95.4	95.5	95.5	96.6	96.6	96.8	97.5 97.8
	•	82.6	85.9	89.4	91.0	92.3 92.6	92.4 92.7	93.4	93.7	93.7	95.7	95.8	95.8 96.9	96.9	96.9	97.1 98.5	97.8
-		82.9	86.2	89.7	91.3			94.0	94.2	94.2	96.8	96.9		98.0	98.0		
GE	1001	82.9	86.2	89.7	91.3	92.6	92.7	94.0	94.2	94.2	96.8	96.9	96.9	98.0	98.0	98.9	100.0
GE	000	82.9	86.2	89.7	91.3	92.6	92.7	94.0	94.2	94.2	96.8	96.9	96.9	98.0	98.0	98.9	100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5 MONTH: DEC HOURS: 06-08

				LS	10 010	: + 5					MONTE	: DEC	HOURS	: 06-08			
CE	LING		• • • • • •	• • • • • • •	• • • • • • •	•••••	VISIBIL	ITY IN	STATUTI	E MILES	• • • • • •			• • • • • •	· · · · · · ·	•••••	• • • • • •
1	IN	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FE	ET	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
• • •	•••••			• • • • • • •			• • • • • • •	• • • • • •	•••••		• • • • • •			• • • • • • •			• • • • • •
NO	CEIL	41.0	42.3	43.4	44.0	44.6	44.8	45.8	45.9	46.0	47.2	47.3	47.3	47.7	47.7	48.0	48.4
GE	20000	51.8	53.3	54.7	55.4	56.1	56.3	57.4	57.5	57.6	59.2	59.4	59.4	60.2	60.2	60.5	61.0
GE	18000	52.2	53.7	55.1	55.7	56.5	56.7	57.7	57.8	58.0	59.6	59.7	59.7	60.5	60.5	61.0	61.4
GE	16000	52.2	53.7	55.1	55.7	56.5	56.7	57.7	57.8	58.0	59.6	59.7	59.7	60.5	60.5	61.0	61.4
GE	14000	53.1	54.7	56.1	56.8	57.5	57.7	58.8	58.9	59.0	60.6	60.8	60.8	61.6	61.6	62.0	62.5
GE	12000	54.2	55.8	57.4	58.1	58.8	59.0	60.1	60.2	60.3	61.9	62.0	62.0	62.9	62.9	63.3	63.8
GE	10000	57.3	59.1	61.0	61.7	62.6	62.8	63.9	64.0	64.1	65.7	65.8	65.8	66.7	66.7	67.1	67.5
GE		57.6	59.5	61.4	62.2	63.0	63.2	64.3	64.4	64.5	66.1	66.2	66.2	67.1	67.1	67.5	68.1
GE		59.8	61.8	63.8	64.5	65.4	65.6	66.7	66.8	66.9	68.5	68.6	68.6	69.5	69.5	69.9	70.4
GE	- ,	60.2	52.3	64.2	64.9	65.9	66.2	67.3	67.4	67.5	69.1	69.2	69.2	70.1	70.1	70.5	71.1
GE	,	61.3	63.3	65.4	66.1	67.3	67.6	68.7	68.8	68.9	70.5	70.6	70.6	71.5	71.5	71.9	72.5
					70.0	~	-4 2	72.0	72.0	 -		74.0	7/ 0		 -	-	7, 7
GE		64.8	67.1	69.4	70.2	71.4	71.7	72.8	72.9	73.0	74.7	74.8	74.8	75.7	75.7	76.1	76.7
GE		67.6	70.1	72.5	73.3	74.5	74.8	75.9	76.0	76.1	77.8	78.0	78.0	78.8	78.8	79.2	79.9
GE		70.0	72.5	74.8	75.8	77.0	77.3	78.4	78.5	78.6	80.3	80.4	80.4	81.3	81.3	81.7	82.5
GE	,	71.7	74.2	76.6	77.5	78.7	79.0	80.1	80.2	80.3	82.0	82.2	82.2	83.0	83.0	83.4	84.2
GF	3000 [<i>7</i> 3.1	75.6	78.2	79.2	80.4	80.8	81.8	81.9	82.0	83.8	83.9	83.9	84.7	84.7	85.2	85.9
GE	2500	74.2	76.8	79.5	80.5	81.7	82.0	83.1	83.2	83.3	85.1	85.2	85.2	8.0	86.0	86.5	87.2
GE	2000	76.0	78.8	81.6	82.8	84.1	84.4	85.5	85.6	85.7	87.4	87.5	87.5	88.4	88.4	88.8	89.6
GE	1800	76.5	79.4	82.2	83.3	84.6	84.9	86.0	86.1	86.2	88.0	88.1	88.1	88.9	88.9	89.4	90.1
GE	1500	77.1	80.0	82.8	84.0	85.3	85.6	86.7	86.8	86.9	88.6	88.7	88.7	89.6	89.6	90.0	90.8
GE	1200	77.5	80.4	85.4	84.6	86.3	86.7	87.7	87.8	88.0	89.7	89.8	89.8	90.6	90.6	91.1	91.8
GE	1000	78.2	81.1	84.2	85.4	87.2	87.5	88.6	88.7	88.8	90.5	90.6	90.6	91.5	91.5	91.9	92.7
GE		78.4	81.5	84.7	86.0	87.8	88.2	89.2	89.4	89.5	91.2	91.3	91.3	92.2	92.2	92.6	93.3
GE	,	78.4	81.6	84.8	86.2	88.3	83.6	89.8	89.9	90.0	91.7	91.8	91.8	92.7	92.7	93.1	93.9
GE		78.6	81.8	85.2	86.8	88.9	89.2	90.4	90.5	90.6	92.4	92.5	92.5	93.3	93.3	93.8	94.5
GE	,	78.7	81.9	85.3	87.0	89.2	89.6	91.0	91.1	91.2	92.9	93.0	93.0	93.9	93.9	94.3	95.1
	Ì	l															
GE	500	78.8	82.0	85.6	87.3	89.7	90.0	91.7	91.8	91.9	93.7	93.8	93.8	94.6	94.6	95.1	95.8
GΕ		79.1	82.5	86.2	88.0	90.3	90.6	92.5	92.8	92.9	94.6	94.8	94.8	95.8	95.8	96.3	97.1
GE		79.1	82.5	86.2	88.2	90.6	91.0	92.8	93.1	93.2	94.9	95.2	95.2	96.1	96.1	96.8	97.7
GE		79.2	82.6	86.3	88.4	91.0	91.3	93.2	93.5	93.7	95.5	95.7	95.7	97.0	97.0	97.8	99.1
GE	100	79.2	82.6	86.3	88.4	91.0	91.3	93.2	93.5	93.7	95.5	95.8	95.8	97.1	97.1	98.3	100.0
GE	000	79.2	82.6	86.3	88.4	91.0	91.3	93.2	93.5	93.7	95.5	95.8	95.8	97.1	97.1	98.3	100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5 MONTH: DEC HOURS: 09-11

				LST	וט טונ	: + 5					MONTH	: DEC	HOURS	09-11			
CE	LING	• • • • • • •	• • • • • • •	• • • • • • •		• • • • • •	VISIRII	ITY IN	STATUTE	MILES	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	•••••	•••••
	IN	i GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
	ET	7	6	5	4	3	2 1/2	2		1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
		1															
NO	CEIL	44.8	45.3	45.3	45.4	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
۰.	20000		(A 7	 7	40.4	, o . c						40.0					
	18000	59.9 59.9	60.3 60.3	60.3 60.3	60.4 60.4	60.5 60.5	60.6 60.6	60.6	60.6 60.6	60.6	60.6	60.8	8.06 60.8	60.8	60.8	60.8	60.8
	16000		60.8	60.8	60.9	61.0	61.1	61.1	61.1	60.6 61.1	60.6	60.8 61.2	61.2	60.8	60.8	60.8	60.8
	14000		61.5	61.6	61.7	61.8	61.9	61.9	61.9	61.9	61.9	62.0	62.0	61.2 62.0	61.2	61.2	61.2
	12000		63.2	63.3	63.4	63.5	63.7	63.7	63.7	63.7	63.7	63.8	63.8	63.8	62.0	62.0	62.0
GE	12000	02.0	03.2	د.ده	65.4	65.5	03.7	03.7	05.7	03.7	65.7	03.0	65.6	03.0	63.8	63.8	63.8
GE	10000	66.0	66.6	66.8	66.9	67.1	67.2	67.2	67.2	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3
GE	9000	67.5	68.1	68.5	68.6	68.8	68.9	68.9	68.9	68.9	43.9	69.0	69.0	69.0	69.0	69.0	69.0
GE	8000	69.8	70.3	70.8	70.9	71.1	71.2	71.2	71.2	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3
GE	7000	70.0	70.5	71.0	71.1	71.3	71.4	71.4	71.4	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5
GΕ	6000	71.5	72.4	72.8	73.0	73.3	73.4	73.4	73.4	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5
		1													, , , ,		,
GE	5000	75.3	76.1	77.0	77.2	77.6	77.7	77.7	77.7	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8
GE	4500	79.2	80.1	81.0	81.2	81.6	81.7	81.7	81.7	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8
GE	4000	81.8	82.7	83.5	83.8	84.2	84.3	84.3	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4
GE	3500	83.0	83.9	84.7	84.9	85.4	85.5	85.5	85.5	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6
GE	3000	84.5	85.4	86.2	86.5	87.0	87.1	87.1	87.1	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2
	25.00																
GE		84.9	85.9	86.9	87.1	87.7	87.8	87.8	87.8	87.8	87.8	88.0	88.0	88.0	88.0	88.0	88.0
GE		86.3	87.3	88.5	88.9	89.6	89.7	89.7	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.9	89.9
GE		86.7	87.6	89.0	89.6	90.2	90.3	90.3	90.4	90.4	90.4	90.5	90.5	90.5	90.5	90.6	90.6
GE		87.2	88.3	89.7	90.2	90.9	91.0	91.0	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.3	91.3
GE	1200 [88.0	89. 0	90.4	91.1	91.8	91.9	91.9	92.0	92.0	92.0	92.2	92.2	92.2	92.2	92.3	92.3
GE	10001	88.8	89.9	91.3	91.9	92.7	92.8	92.8	92.9	92.9	92.9	93.0	93.0	93.0	93.0	93.1	93.1
GE	,	89.0	90.2	91.8	92.6	93.3	93.4	93.4	93.5	93.5	93.5	93.7	93.7	93.7	93.7	93.8	93.8
GE		89.2	90.6	92.3	93.7	94.4	94.5	94.7	94.8	94.8	94.8	94.9	94.9	94.9	94.9	95.1	95.1
GE	,	89.8	91.3	92.9	94.4	95.3	95.4	95.6	95.7	95.7	95.8	95.9	95.9	95.9	95.9	96.0	96.0
GE		90.0	91.5	93.2	94.7	95.7	95.8	96.0	96.1	96.1	96.2	96.3	96.3	96.3	96.3	96.5	96.5
	i	,,,,	, , , ,	,,,,	,	,,,,,	73.0	,0.0	,0.1	,0.1	70.2	70.5	70.3	70.5	,0.5	70.5	,0.5
GE	500	90.0	91.6	93.4	94.9	95.9	96.0	96.3	96.5	96.5	96.6	96.7	96.7	96.7	96.7	96.8	96.8
GE	400	90.1	91.7	93.8	95.5	96.7	96.8	97.3	97.5	97.5	97.6	97.7	97.7	98.0	98.0	98.1	98.1
GΕ	300 j	90.1	91.7	93.8	95.5	96.7	96.8	97.4	97.8	97.8	98.2	98.5	98.5	98.9	98.9	99.0	99.1
GΕ	200 j	90.1	91.7	93.8	95.5	96.7	96.8	97.5	98.0	98.0	98.3	98.6	98.6	99.2	99.2	99.5	99.8
GE	100	90.1	91.7	93.8	95.5	96.7	96.8	97.5	98.0	98.0	98.3	98.6	98.6	99.4	99.4	99.7	100.0
				•-													
GE	000	90.1	91.7	93.8	95.5	96.7	96.8	97.5	98.0	98.0	98.3	98.6	98.6	99.4	99.4	99.7	100.0
••••				• • • • • •	• • • • • •	• • • • • •	• • • • • • • •	• • • • •		• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • •

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5 MONTH: DEC HOURS: 12-14

			r2	ונט טו ו	L: + 5					MUNIT	H: DEC	HOURS	12-14	•		
CEILING	•••••		•••••	• • • • • • •	• • • • • • •	VISIBIL	ITY IN	STATUT	E MILES	• • • • • •	• • • • • • •	• • • • • •	*****		• • • • • •	• • • • • •
IN] GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
	1															
NO CEIL	44.7	44.7	44.9	44.9	44.9	44.9	44.9	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
AF 30000	1 (2 5	/2 F	(2.7	42.7	62.7	62.7	62.7	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
GE 20000 GE 18000	1	62.5 63.0	62.7 63.2	62.7 63.2	63.2	63.2	63.2	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 16000		63.7	63.9	63.9	63.9	63.9	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 14000	•	64.2	64.4	64.4	64.4	64.4	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 12000		66.8	67.0	67.0	67.0	67.0	67.0	67.2	67,2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
			•													
GE 10000	71.0	71.0	71.2	71.2	1.2	71.2	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 9000	72.3	72.3	72.5	72.5	72.5	72.5	72.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 8000	74.4	74.4	74.8	74.8	74.8	74.8	74.8	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
	74.6	74.6	75.1	75.1	75.1	75.1	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 6000	75.9	75.9	76.3	76.3	76.3	76.3	76.3	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
	1 70 0		00 /	00 (00 /	90 (90 /	00 4	90.4	90.4	90.4	80.6	80.6	80.6	80.6	80.6
	79.9	80.0	80.4	80.4	80.4	80.4 84.4	80.4 84.4	80.6 84.6	80.6 84.6	80.6 84.6	80.6 84.6	84.6	84.6	84.6	84.6	84.6
	83.8 85.5	84.0 857	84.4	84.4 86.1	84.4 86.1	86.1	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
	1 86.8	87.1	86.1 87.5	87.5	87.5	87.5	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
_	88.6	89.0	89.5	89.5	89.6	89.6	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GL 3000	1	07.0	07.3	07.5	٠,.٥	07.0	07.0	07.0	07.0	٠,,٠	07.0	07.0	0,,0	07.0	07.10	
GE 2500	90.2	90.8	91.2	91.2	91.3	91.3	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 2000	92.0	92.6	93.0	93.1	93.2	93.2	93.2	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 1800	92.5	93.0	93.7	93.8	93.9	93.9	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 1500	93.5	94.1	94.7	94.8	94.9	94.9	94.9	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 1200	95.1	95.9	96.6	96.7	96.8	96.8	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
	!									.				07. /	07 (07 /
	95.3	96.2	96.9	97.0	97.1	97.1	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
	95.4	96.3	97.0	97.3	97.4 98.0	97.4 98.0	97.4 98.0	97.7 98.3	97.7 98.3	97.7 98.3	97.7 98.3	97.7 98.3	97.7 98.3	97.7 98.3	97.7 98.3	97.7 98.3
	95.6 96.0	96.7 97.1	97.4 97.8	97.8 98.4	98.6	98.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
	96.1	97.2	98.0	98.5	98.7	98.7	98.7	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 000	1 70.1	71.2	70.0	70.3	70.7	70.1	,0.,	,,,,	,,,,	,,,,	,,,,	,,,,	,,,,	,,,,	,,,,	//
GE 500	96.1	97.2	98.0	98.6	98.9	98.9	98.9	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
	96.1	97.3	98.1	98.9	99.2	99.2	99.2	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
	96.1	97.3	98.1	98.9	99.2	99.2	99.2	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 200	96.1	97.3	98.1	98.9	99.2	99.2	99.2	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 100	96.1	97.3	98.1	98.9	99.2	99.2	99.2	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0
	1												400 0	400.0	***	100 0
GE 000	96.1	97.3	98.1	98.9	99.2	99.2	99.2	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88

			LS	T TO UT	C: + 5					MONT	1: DEC	HOURS	: 15-17			
CEILIN		• • • • • •			• • • • • •	VISIBII		STATUTE	MILES	• • • • • •		• • • • • •		• • • • • •		• • • • • •
IN	ا ا GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	7		5	4	3	2 1/2	2		1 1/4		3/4	5/8	1/2	3/8	1/4	0
	٬ ۱ ،						.									
	1															
NO CE I	L 42.	9 43.	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
GE 200	00 63.	9 64.	1 64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 180	00 64.	1 64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 160	00 64.	2 64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 140	00 65.	4 65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 120	00 67.	8 68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 100	00 71.	5 71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 90	00 73.	3 73.8	3 73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 80	00 j 76.	3 76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 70	00 76.	8 77.3	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 60	00 78.	1 78.6	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 50	00 80.	4 81.1	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
	00 83.			84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
	00 84.			86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
	00 87.			88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
	00 89.			90.6	90.9	91.0	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1
								07.0	07.0	07.0	07.0	07.0	07.0	07.0	07.0	07.0
	00 91.			93.2	93.7	93.8	93.8	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9
	00 92.			94.3	94.9	95.1	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3
	00 92.			94.6	95.4	95.5	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
	00) 93.			95.4	96.3	96.5	96.6	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 12	00 94.	6 95.4	96.0	96.8	97.7	97.8	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 10	00 94.	7 95.5	96.1	96.9	97.8	98.0	98.2	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 9	00 94.	7 95.5	96.1	96.9	97.8	98.0	98.2	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 8	00 94.	7 95.5	96.1	96.9	98.0	98.1	98.3	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 7	00 94.	8 95.6	96.2	97.0	98.1	98.2	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 6	00 94.	9 95.7	96.7	97.6	98.8	98.9	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 5	 00 95.	1 95.8	96.8	98.0	99.1	99.2	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
	00 95. 00 95.			98.2	99.4	99.5	99.7	99.8		100.0	100.0	100.0	100.0	100.0	100.0	100.0
	00 95. 00 95.			98.2	99.4	99.5	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	00 9 5. 00 95.			98.2	99.4	99.5	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	001 95. 001 95.			98.2	99.4	99.5	99.7	99.8		100.0	100.0	100.0	100.0		100.0	100.0
ĢE I	00 73. 	1 73.0	70.9	70.2	77.4	77.3	77.1	77.0	77.0	100.0	100.0	,00.0	100.0	100.0	100.0	100.0
GE 0	00 i 95.	1 95.8	96.9	98.2	99.4	99.5	99.7	99.8		400 0	100.0					400 0

TOTAL NUMBER OF OBSERVATIONS 930

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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5 PERIOD OF RECORD: NOV 78 - OCT 88

															, 		
CEI	LING	• • • • • • •					VISIBIL	ITY IN	STATUTE	MILES							
	IN I	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
	ET	7	6	5	4	3	2 1/2	2		1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
		' '					, _										Ū
•••	•••••	 I			•••••												
NO	CEIL	48.4	48.9	49.1	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
140	02.2	1	40.7	77.1		****	****						****	.,,,	.,	47.12	47.6
GE	20000	6.2.2	63.8	64.2	64.2	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
	18000		63.9	64.3	64.3	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
	16000		63.9	64.3	64.3	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
	14000		65.2	65.6	65.6	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
	12000		67.6	68.1	68.1	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
UL	12000	00.7	0,.0	00.1	٠٠.١	٠.,	· · · ·		00.7	00.7	٠	· · ·	00.7	00.7	00.7	00.7	00.7
GE	10000	70.6	71.5	71.9	72.0	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE		71.7	72.7	73.1	73.2	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
	,	74.8	75.9	76.5	76.6	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE			77.3	77.8	78.0	78.6	78.6	78.6	78.6	7.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE		76.1			79.4	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0		80.0
GE	9000	77.2	78.5	79.1	19.4	80.0	80.0	٥٠.٥	00.0	00.0	80.0	00.0	80.0	80.0	00.0	80.0	00.0
	5000	70.0	01 2	01.0	02.2	02.0	02.0	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	92.0	82.8
GE		79.9	81.2	81.9	82.2	82.8 85.5	82.8 85.5	85.5	85.5	85.5		85.5	85.5	85.5	85.5	82.8 85.5	
GE		82.5	83.8	84.5	84.7		87.5	87.6			85.5	87.6	87.6				85.5
GE	,	84.4	85.7	86.6	86.8	87.5			87.6	87.6	87.6			87.6	87.6	87.6	87.6
GE	,	85.6	86.9	87.8	88.1	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE	30001	87.4	88.7	89.8	90.1	91.0	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
	25001	00.1	00.7	02.0	02 /	07.3	07.3	93.4	93.4	93.4	93.4	93.4	93.4	07 /	93.4	93.4	93.4
GE		89.1	90.4	92.0	92.4	93.2	93.2							93.4			
GE		90.6	91.9	94.0	94.5	95.5	95.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE	1	90.8	92.0	94.3	94.8	95.8	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE		91.5	92.8	95.2	95.8	96.9	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE	1200	92.3	93.7	96.0	96.7	97.7	97.7	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
	4000				A . 7			00.0	00.5	00.0	00.0	00.0		00.0	00.0	00.0	00.3
GE		92.3	93.7	96.0	96.7	97.7	97.7	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE		92.4	93.8	96.1	96.8	97.8	97.8	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE		92.8	94.2	96.6	97.2	98.3	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE		92.8	94.2	96.6	97.3	98.4	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE	600	93.0	94.5	97.0	97.7	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE	1	93.0	94.5	97.0	97.7	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE		93.0	94.5	97.0	97.7	98.9	98.9	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE		93.1	94.6	97.1	97.8	99.1	99.2	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE		93.1	94.6	97.1	97.8	99.1	99.2	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE	100	93.1	94.6	97.1	97.8	99.1	99.2	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
	1	1															
GE	000	93.1	94.6	97.1	97.8	99.1	99.2	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5 MONTH: DEC HOURS: 21-23

			LST	י זט טזנ	: + 5					MONTH	: DEC	HOURS	21-23			
CEILING	•••••	• • • • • • •	• • • • • • •			VISIBIL	ITY IN	STATUTE	MILES	•••••				• • • • • •	• • • • • • •	• • • • • •
IN	i GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	7	6	5	4	3	2 1/2	2		1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
								• • • • • • •								
	1											-				
NO CEIL	54.3	54.9	55.2	55.5	55.6	55.6	55.8	55.8	55.8	56.0	56.0	56.0	56.1	56.1	56.2	56.2
GE 20000	66.5	67.2	67.5	68.1	68.4	68.5	68.7	68.7	68.7	68.9	68.9	68.9	69.0	69.0	69.1	69.1
GE 18000	•	67.2	67.5	68.1	68.4	68.5	68.7	68.7	68.7	68.9	68.9	68.9	69.0	69.0	69.1	69.1
GE 16000	66.6	67.3	67.6	68.2	68.5	68.6	68.8	68.8	68.8	69.0	69.0	69.0	69.1	69.1	69.2	69.2
GE 14000		67.8	68.2	68.7	69.0	69.1	69.4	69.4	69.4	69.6	69.6	69.6	69.7	69.7	69.8	69.8
GE 12000	•	70.1	70.4	71.0	71.3	71.4	71.6	71.6	71.6	71.8	71.8	71.8	72.0	72.0	72.2	72.2
GE 10000	1 71 6	72,2	72.5	73.0	73.3	73.4	73.7	73.7	73.7	73.9	73.9	73.9	74.1	74.1	74.2	74.2
	72.7	73.4	73.8	74.3	74.6	74.7	74.9	74.9	74.9	75.2	75.2	75.2	75.4	75.4	75.5	75.5
	75.7	76.5	76.8	77.4	77.8	78.0	78.2	78.2	78.2	78.4	78.4	78.4	78.6	78.6	78.7	78.7
	76.1	76.9	77.2	77.8	78.3	78.4	78.6	78.6	78.6	78.8	78.8	78.8	79.0	79.0	79.1	79.1
	77.0	78.0	78.3	78.9	79.5	79.6	79.8	79.8	79.8	80.0	80.0	80.0	80.2	80.2	80.3	80.3
GE 0000	, ,, I	70.0	,0.5	70.7	,,,,	77.0		,,,,	. ,	00.0	00.0	50.0	00.2	00.2	50.5	00.3
GE 5000	79.1	80.1	80.4	81.1	81.6	81.7	81.9	81.9	81.9	82.2	82.2	82.2	82.4	82.4	82.5	82.5
	81.2	82.2	82.5	83.1	83.7	83.8	84.0	84.0	84.0	84.2	84.2	84.2	84.4	84.4	84.5	84.5
GE 4000	83.1	84.1	84.4	85.1	85.7	85.8	86.0	86.0	86.0	86.3	86.3	86.3	86.6	86.6	86.7	86.7
GE 3500	86.0	87.0	87.3	88.0	88.6	88.8	89.0	89.0	89.0	89.4	89.4	89.4	89.6	89.6	89.7	89.7
GE 3000	87.7	88.9	89.5	90.1	90.8	91.0	91.2	91.2	91.2	91.5	91.5	91.5	91.7	91.7	91.8	91.8
GE 2500	89.0	90.2	91.0	91.7	92.4	92.6	92.8	92.8	92.8	93.1	93.1	93.1	93.3	93.3	93.4	93.4
	90.4	91.8	92.7	93.7	94.3	94.5	94.7	94.7	94.7	95.1	95.1	95.1	95.3	95.3	95.4	95.4
	90.5	91.9	92.8	93.8	94.4	94.6	94.8	94.8	94.8	95.2	95.2	95.2	95.4	95.4	95.5	95.5
	91.2	92.6	93.9	94.8	95.6	95.8	96.0	96.0	96.0	96.3	96.3	96.3	96.6	96.6	96.7	96.7
	91.9	93.3	94.6	95.6	96.3	96.6	96.8	96.8	96.8	97.1	97.1	97.1	97.3	97.3	97.4	97.4
cr 1000	01.0	07.7	0/ /	OF (04.7	04.4	04.0	~ .	04.0	97.1	97.1	97.1	97.3	97.3	97.4	97.4
	91.9	93.3 93.5	94.6	95.6	96.3 96.7	96.6 96.9	96.8 97.1	96.8 97.1	96.8 97.1	97.4	97.4	97.4	97.5	97.5	97.4	97.4
	92.2	93.5	94.9 94.9	95.9 95.9	96.7	96.9 96.9	97.1	97.1	97.1	97.4	97.4	97.4	97.6	97.6	97.7	97.7
	92.2	93.7	95.1	96.0	96.8	97.0	97.2	97.1	97.1	97.5	97.5	97.5	97.7	97.7	97.8	97.8
	92.3	93.7	95.3	96.2	97.0	97.0	97.4	97.4	97.4	97.7	97.7	97.7	98.0	98.0	98.1	98.1
GE OUU	7 2.3	73.7	99.3	90.2	97.0	91.2	91.4	97.4	97.4	71.1	71.1	71.1	70.0	70.0	70.1	70.1
GE 500	92.4	94.0	95.4	96.6	97.3	97.5	97.7	97.7	97.7	98.1	98.1	98.1	98.3	98.3	98.4	98.4
GE 400	92.4	94.0	95.5	96.8	97.6	97.8	98.2	98.2	98.2	98.5	98.5	98.5	98.7	98.7	98.8	98.8
GE 300	92.4	94.0	95.5	96.8	97.8	98.1	98.5	98.5	98.5	98.9	98.9	98.9	99.1	99.1	99.2	99.2
GE 200	92.7	94.3	95.8	97.1	98.2	98.4	98.8	98.8	98.8	99.4	99.4	99.4	99.6	99.6	99.9	99.9
GE 100	92.7	94.3	95.8	97.1	98.2	98.4	98.8	98.8	98.8	99.4	99.4	99.4	99.6	99.6	100.0	100.0
GE 000	92.7	94.3	95.8	97.1	98.2	98.4	98.8	98.8	98.8	99.4	99.4	99.4	99.6	99.6	100.0	100.0
UE UUU	1 76.1	74.3	73.0	71.1	70.2	70,4	70.0	70.0	70.0	77,4	77.4	77.4	77.0	77.0		

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: DEC HOURS: ALL

				LST	r to uto	C: + 5					MONT	H: DEC	HOURS:	ALL			
CEIL	ING	• • • • • •	• • • • • •	• • • • • • •		•••••	VISIBII	ITY IN	STATUTI	 E MILES	• • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •
IN		GE .	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEE		7	6	5	4	3	2 1/2	2		1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
	• • • • • • •			• • • • • • •										• • • • • • •			
NO C	EIL	47.3	48.0	48.5	48.7	49.2	49.2	49.4	49.5	49.5	49.9	50.0	50.0	50.2	50.2	50.3	50.5
ce 3	0000	61.0	61.7	62.4	62.6	63.2	63.3	63.5	63.6	63.6	64.1	64.1	64.1	64.5	64.5	64.6	64.8
		61.1	61.9	62.5	62.8	63.4	63.5	63.7	63.8	63.8	64.3	64.3	64.3	64.6	64.6	64.7	65.0
	,	61.3	62.1	62.7	63.0	63.5	63.6	63.8	63.9	63.9	64.4	64.5	64.5	64.8	64.8	64.9	65.1
	1	62.1	62.8	63.5	63.8	64.3	64.4	64.7	64.7	64.7	65.2	65.3	65.3	65.6	65.6	65.7	66.0
		63.8	64.6	65.3	65.6	66.2	66.2	66.5	66.5	66.5	67.1	67.1	67.1	67.4	67.4	67.6	67.8
	,	66.7	67.7	68.4	68.7	69.3	69.4	69.6	69.7	69.7	70.2	70.2	70.2	70.6	70.6	70.7	70.9
		67.9	68.9	69.6	69.9	70.5	70.6	70.8	70.9	70.9	71.4	71.5	71.5	71.8	71.8	71.9	72.2
	•	70.6	71.7	72.5	72.8	73.4	73.5	73.8	73.8	73.8	74.3	74.4	74.4	74.7	74.7	74.8	75.1
		71.1	72.2	73.0	73.3	74.0	74.0	74.3	74.3	74.4	74.9	74.9	74.9	75.3	75.3	75.4	75.6
GE	ן טטטס	72.2	73.4	74.2	74.6	75.3	75.4	75.6	75.7	75.7	76.2	76.3	76.3	76.6	76.6	76.7	77.0
GE	5000	75.2	76.4	77.4	77.8	78.5	78.6	78.8	78.9	78.9	79.4	79.4	79.4	79.8	79.8	79.9	80.2
GE	4500	77.9	79.2	80.2	80.6	81.3	81.4	81.7	81.7	81.7	82.3	82.3	82.3	82.6	82.6	82.8	83.0
		79.9	81.2	82.2	82.6	83.4	83.5	83.7	83.8	83.8	84.3	84.4	84.4	84.7	84.7	84.8	85.1
		81.7	83.0	84.1	84.4	85.2	85.3	85.6	85.6	85.6	86.2	86.2	86.2	86.6	86.6	86.7	86.9
GE	3000	83.3	84.7	85.9	86.3	87.1	87.2	87.5	87.6	87.6	88.1	88.2	88.2	88.5	88.5	88.6	88.9
GE	2500 J	84.8	86.2	87.5	87.9	88.8	88.9	89.2	89.2	89.3	89.8	89.8	89.8	90.2	90.2	90.3	90.6
GE	2000 j	86.4	88.0	89.4	90.0	90.9	91.0	91.3	91.4	91.4	92.0	92.0	92.0	92.4	92.4	92.5	92.7
GE	4300 j	86.7	88.3	89.7	90.4	91.3	91.5	91.7	91.8	91.9	92.4	92.4	92.4	92.8	92.8	92.9	93.2
GE	1500 j	87.5	89.1	90.7	91.5	92.4	92.6	92.8	93.0	93.0	93.5	93.5	93.5	93.9	93.9	94.0	94.3
GE	1200	88.3	90.0	91.7	92.5	93.6	93.7	94.0	94.1	94.1	94.7	94.7	94.7	95.1	95.1	95.2	95.5
GE	1000 I	88.6	90.3	92.1	92.8	93.9	94.0	94.3	94.4	94.5	95.0	95.1	95.1	95.4	95.4	95.5	95.8
GE	900	88.8	90.6	92.4	93.2	94.3	94.4	94.7	94.8	94.8	95.4	95.4	95.4	95.8	95.8	95.9	96.2
GE	,	88.9	90.7	92.6	93.5	94.6	94.8	95.1	95.2	95.3	95.8	95.8	95.8	96.2	96.2	96.3	96.6
GE	700	89.0	90.9	92.8	93.9	95.0	95.2	95.5	95.6	95.7	96.3	96.3	96.3	96.7	96.7	96.8	97.0
GE	600 j	89.2	91.1	93.1	94.2	95.4	95.6	96.0	96.1	96.1	96.7	96.7	96.7	97.1	97.1	97.2	97.5
GE	5001	89.3	91.2	93.3	94.5	95.7	95.9	96.4	96.5	96.5	97.1	97.2	97.2	97.5	97.5	97.6	97.9
GE		89.5	91.4	93.7	94.9	96.2	96.3	96.9	97.1	97.1	97.8	97.8	97.8	98.2	98.2	98.4	98.6
GE		89.5	91.5	93.7	95.0	96.4	96.5	97.2	97.4	97.4	98.1	98.1	98.1	98.6	98.6	98.7	99.0
GE		89.6	91.6	93.8	95.2	96.5	96.7	97.4	97.6	97.6	98.4	98.5	98.5	99.1	99.1	99.3	99.8
GE		89.7	91.6	93.8	95.2	96.5	96.7	97.4	97.6	97.6	98.4	98.5	98.5	99.1	99.1	99.5	100.0
-	,			.3.3			,,,,	,,, ,		.,.0	-0.7		,,		,,,,		
GE	J00	89.7	91.6	93.8	95.2	96.5	96.7	97.4	97.6	97.6	98.4	98.5	98.5	99.1	99.1	99.5	100.0
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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5 MONTH: ALL HOURS: ALL

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CE	CEILING VISIBILITY IN STATUTE MILES IN GE GE GE GE GE GE GE GE GE GF GF GF GF																
	IN	l GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
	EET	7	6	5	4	3	2 1/2	2		1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
		, , , , , , , , , , , , , , , , , , ,												1/2		1/4	
		l															
NO	CEIL	54.9 I	55.5	56.2	56.5	56.8	56.8	57.0	57.0	57.0	57.1	57.2	57.2	57.3	57.3	57.3	57.3
GE	20000	72.2	72.9	73.8	74.2	74.5	74.6	74.7	74.8	74.8	74.9	74.9	74.9	75.1	75.1	75.1	75.2
GE	18000	72.3	73.1	73.9	74.3	74.6	74.7	74.8	74.9	74.9	75.0	75.1	75.1	75.2	75.2	75.2	75.3
GE	16000	72.5	73.3	74.1	74.5	74.9	74.9	75.1	75.1	75.1	75.3	75.3	75.3	75.4	75.4	75.5	75.5
GE	14000	73.3	74.0	74.9	75.3	75.6	75.7	75.8	75.9	75.9	76.0	76.1	76.1	76.2	76.2	76.2	76.3
	12000		76.1	77.0	77.4	77.7	77.8	77.9	78.0	78.0	78.2	78.2	78.2	78.3	78.3	78.3	78.4
	10000		79.8	80.7	81.1	81.5	81.5	81.7	81.7	81.7	81.9	81.9	81.9	82.1	82.1	82.1	82.2
GE		80.4	81.3	82.3	82.7	83.1	83.1	83.3	83.3	83.3	83.5	83.5	83.5	83.6	83.6	83.7	83.7
GE		82.3	83.2	84.2	84.7	85.1	85.1	85.3	85.4	85.4	85.5	85.5	85.5	85.7	85.7	85.7	85.8
GE		82.7	83.7	84.7	85.2	85.6	85.6	85.8	85.8	85.8	86.0	86.0	86.0	86.1	86.1	86.2	86.2
GE	6000	83.3	84.2	85.3	85.8	86.2	86.2	86.4	86.4	86.4	86.6	86.6	86.6	86.7	86.7	86.8	86.8
GE	5000	84.6	85.6	86.7	87.2	87.6	87.6	87.8	87.9	87.9	88.0	88.1	88.1	00 2	90.3	00.0	00 Z
GE		86.1	87.1	88.3	88.8	89.2	89.3	89.5	89.5	89.5	89.7	89.7	89.7	88.2 89.8	88.2 89.8	88.2	88.3
GE		87.1	88.3	89.4	90.0	90.4	90.5	90.7	90.7							89.9	89.9
-		88.4								90.7	90.9	90.9	90.9	91.0	91.0	91.1	91.1
GE	•		89.5	90.8	91.4	91.8	91.9	92.1	92.1	92.1	92.3	92.3	92.3	92.4	92.4	92.5	92.5
GE	3000 j	89.5	90.7	91.9	92.6	93.1	93.1	93.3	93.4	93.4	93.5	93.6	93.6	93.7	93.7	93.7	93.8
GE	2500	90.3	91.5	92.9	93.5	94.1	94.1	94.3	94.4	94.4	94.6	94.6	94.6	94.7	94.7	94.8	94.8
GE	2000 i	91,4	92.7	94.2	95.0	95.6	95.6	95.9	95.9	95.9	96.1	96.1	96.1	96.3	96.3	96.3	96.4
GE		91.6	93.0	94.5	95.2	95.9	95.9	96.2	96.2	96.2	96.4	96.4	96.4	96.6	96.6	96.6	96.7
GE		92.0	93.4	95.0	95.8	96.4	96.5	96.7	96.8	96.8	97.0	97.0	97.0	97.1	97.1	97.2	97.2
GE		92.4	93.8	95.5	96.3	97.0	97.0	97.3	97.4	97.4	97.6	97.6	97.6	97.7	97.7	97.8	97.8
				,,,,		71.0	71.0	,, . <u>.</u>		,,,,	<i>,,</i> .0	,, . .	71.0	,,.,	,,,,	77.0	77.0
GE	1000	92.5	94.0	95.6	96.5	97.1	97.2	97.5	97.5	97.5	97.8	97.8	97.8	97.9	97.9	98.0	98.0
GE	900	92.6	94.1	95.8	96.6	97.3	97.4	97.7	97.7	97.7	98.0	98.0	98.0	98.1	98.1	98.2	98.2
GE	800	92.7	94.2	95.9	96.8	97.5	97.6	97.9	98.0	98.0	98.2	98.2	98.2	98.4	98.4	98.4	98.5
GE	700	92.8	94.4	96.1	97.0	97.8	97.8	98.1	98.2	98.2	98.4	98.5	98.5	98.6	98.6	98.7	98.7
GΕ	600	92.9	94.5	96.3	97.2	98.0	98.1	98.4	98.5	98.5	98.7	98.8	98.8	98.9	98.9	98.9	99.0
	j															•	.,
GE		93.0	94.6	96.4	97.4	98.2	98.3	98.6	98.7	98.7	99.0	99.0	99.0	99.1	99.1	99.2	99.2
GE	,	93.1	94.6	96.5	97.5	98.4	98.5	98.9	99.0	99.0	99.2	99.3	99.3	99.4	99.4	99.5	99.5
GE		93.1	94.7	96.5	97.5	98.4	98.5	99.0	99.1	99.1	99.4	99.4	99.4	99.6	99.6	99.6	99.7
GE	200	93.1	94.7	96.5	97.6	98.5	98.6	99.0	99.2	99.2	99.5	99.5	99.5	99.7	99.7	99.8	99.9
GE	100	93.1	94.7	96.5	97.6	98.5	98.6	99.0	99.2	99.2	99.5	99.5	99.5	99.8	99.8	99.9	100.0
	0001	07 1	0/ 7	۰, ۶	07.4	00.5	20. (00.0	00.0	00.0							
GE	000	93.1	94.7	96.5	97.6	98.5	98.6	99.0	99.2	99.2	99.5	99.5	99.5	99.8	99.8	99.9	100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER FROM HOULY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5 MONTH: JAN HOURS:ALL

		LST TO		MONTH: JAN HOURS:ALL					
HOURS (LST)	•	SCATTERED	BROKEN	AIRWAY CL			PARTIAL OBSCURATION	TOTAL OBS	
00-02	32.2	23.1	18.9	24.7	1.1	44.7	1.9	930	
03-05	31.7	25.6	15.4	25.6	1.7	42.7	3.0	930	
06-08	17.8	31.4	22.3	26.1	2.4	50.8	7.0	930	
09-11	10.1	36.1	23.1	29.5	1.2	53.8	2.5	930	
12-14	7.8	37.3	25.6	28.9	.3	54.8	.1	930	
15 - 17	8.3	34.7	27.2	29.7	.1	57.0	.3	930	
18-20	18.3	31.9	23.9	25.6	.3	49.8	.3	930	
21-23	30.6	25.5	19.8	23.7	.4	43.9	.5	930	
ALL HOURS	•	30.0			.0	49.0	1.0	7440	
						M	ONTH: FEB HOURS	: ALL	
00-02	31.6	27.0	18.0	22.5	9	41.5	2.6	849	
03-05] 30.0 	24.9	20.7	23.7	.7	45.1	4.4	849	

• • • • • • • •	· · · · <i>· · · · · · · ·</i>				• • • • • • • • •			
00-02	31.6	27.0	18.0	22.5	.9	41.5	2.6	849
03-05	30.0	24.9	20.7	23.7	.7	45.1	4.4	849
06-08	16.8	29.9	20.5	30.7	2.0	53.2	7.1	849
09-11	10.6	32.3	23.4	31.8	1.9	57.1	1.8	849
12-14	7.4	33.9	26.0	32.4	.2	58.7	.4	849
15-17	6.6	35.1	26.0	32.3		58.3	.1	849
18-20	15.7	31.9	24.9	27.6		52.4	.4	849
21-23	29.0	26.0	19.4	25.2	.4	45.0	.9	849
ALL HOURS	18.5	30.1	22.4	28.3	.8	51.4	2.2	6792

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88

MONTH: MAR HOURS:ALL

LST TO UTC: + 5

• • • • • • • • •	AIRWAY CLASSES HOURS CLEAR SCATTERED BROKEN OVERCAST TOTAL GT PARTIAL TOTAL													
HOURS (LST)	CLEAR	SCATTERED	BROKEN	OVERCAST	TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS						
00-02	29.8	32.3	15.7	22.2	.1	38.0	1.2	930						
03-05	28.5	31.7	15.4	24.2	.2	39.8	2.7	930						
06-08	14.7	32.3	23.4	28.7	.9	53.0	6.2	930						
09-11	11.0	36.8	24.9	27.1	.2	52.3	.4	930						
12-14	7.6	41.0	28.0	23.4		51.4		930						
15-17	9.5	41.9	25.6	23.0		48.6		930						
18-20	17.5	32.8	25.3	24.4		49.7	.2	930						
21-23	32.7	30.8	15.4	21.2		36.6	.4	930						
ALL HOURS	18.0	34.0	21.0	24.0	.0	46.0	1.0	7440						

MONTH: APR HOURS: ALL

00-02	40.3	29.7	13.9	16.1		30.0	1.2	900
03-05	37.2	29.8	15.7	17.2	.1	33.0	2.6	900
06-08	19.8	40.9	20.4	18.8	.1	39.3	5.0	900
09-11	14.6	42.7	25.0	17.8		42.8	.4	900
12-14	9.6	43.4	28.0	19.0		47.0		900
15-17	12.0	43.6	24.0	20.4		44.4		900
18-20	21.1	36.8	22.1	19.9	.1	42.1		900
21-23	35.1	30.0	16.2	18.7		34.9	.3	900
ALL HOURS	23.7	37.1	20.7	18.5	.0	39.2	1.2	7200

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 MONTH: MAY HOURS:ALL

LST TO UTC: + 5

	AIRWAY CLASSES HOURS I CLEAR SCATTERED RECKEN OVERCAST TOTAL CT PARTIAL TOTAL													
HOURS (LST)	CLEAR	SCATTERED	BROKEN	OVERCAST	TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS						
00-02	29.4	39.8	15.9	14.9	• • • • • • • • • • • • • • • • • • • •	30.9	.9	930						
03-05	23.1	44.3	18.3	14.3		32.6	2.2	930						
06-08	12.7	42.5	27.4	17.2	.2	44.8	4.5	930						
09-11	4.7	53.5	26.0	15.7		41.7	.5	930						
12-14	1.8	54.9	27.1	16.1		43.2	.3	930						
15-17	5.1	48.8	29.2	16.9		46.1	.4	930						
18-20	8.5	43.9	27.3	20.3		47.6	.4	93 0						
21-23	24.0	39.4	21.6	15.1		36.7	.1	930						
ALL HOURS	13.0	45.0	24.0	16.0	.0	40.0	1.0	7440						

MONTH: JUN HOURS: ALL

						. 		
00-02	16.4	41.6	25.4	16.6		42.0	.1	900
03 · 05	18.9	43.7	23.2	14.2		37.4	2.3	900
80-60	9.1	40.9	30.4	19.3	.2	50.0	2.6	900
09-11	4.6	42.0	37.8	15.7		53.4	.2	900
12-14	2.3	43.1	35.3	19.2		54.6	.2	900
15-17	4.2	37.2	34.2	24.3		58.6	.6	900
18-20	5.0	31.2	32.4	31.3		63.8	.2	900
21-23	9.8	38.7	28.6	23.0		51.6	.2	900
ALL HOURS	8.8	39.8	30.9	20.5	.0	51.4	.8	7200

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5

	• • • • • • • • • • • • •			AIRWAY CL		•••••		• • • • • • • • • • • • • • • • • • • •
HOURS	CLEAR	SCATTERED	BROKEN	OVERCAST	TOTAL	GT	PARTIAL	TOTAL
(LST)	1				OBSCURATION	1/2	OBSCURATION	OBS
00-02	15.8	48.8	23.1	12.3		35.4	.4	930
03-05	17.7	54.1	20.6	7.5		28.2	1.0	930
06-08	4.7	50.3	30.8	14.1	.1	44.9	3.5	930
09-11	1.6	47.1	36.9	14.4		51.3	2.3	930
12-14		45.7	40.0	14.2	.1	54.3	1.6	930
15-17	.9	38.9	39.6	20.6		60.2	1.7	930
18-20	1.5	32.3	38.3	28.0		66.2	1.1	930
21-23	7.0	45.4	28.3	19.4		47.6	.5	930
ALL HOURS	6.0	45.0	32.0	16.0	.0	48.0	1.0	7440

MONTH: AUG HOURS: ALL

00-02	11.8	46.8	28.7	12.7		41.4	.9	930
03-05	14.3	55.8	21.0	8.9		29.9	2.7	930
06-08	1.3	53.2	33.9	11.6		45.5	2.8	930
09-11	1.2	45.4	41.6	11.8		53.4	.5	930
12-14	.1	41.1	40.1	18.7		58.8	.9	930
15-17	.5	35.9	40.8	22.8		63.5	.8	930
18-20	1.4	32.0	38.3	28.2	.1	66.6	.6	930
21-23	7.2	39.7	31.4	21.7		53.1	.4	930
ALL HOURS	4.7	43.7	34.5	17.1	.0	51.5	1.2	7440

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5 MONTH: SEP HOURS:ALL

AIRWAY CLASSES HOURS CIEAR SCATTERED REDOKEN OVERCAST TOTAL OT PARTIAL TOTAL													
HOURS (LST)	CLEAR	SCATTERED	BROKEN	OVERCAST	TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS					
00-02	12.3	44.2	25.0	18.4	• • • • • • • • • • • • • • • •	43.4	.1	900					
03-05	12.0	50.9	22.0	15.0	.1	37.1	1.0	900					
80-60	1.9	47.7	31.8	18.4	.2	50.4	1.7	900					
09-11	1.3	42.8	38.3	17.6		55.9		900					
12-14	.2	43.4	38.0	18.3		56.3		900					
15-17	.8	39.9	37.0	22.2	.1	59.3	.1	900					
18-20	3.3	40.8	25.8	30.1		55.9		900					
21-23	9.9	42.7	23.1	24.3		47.4		900					
ALL HOURS	5.0	44.0	30.0	20.0	.0	50.0	.0	7200					

MONTH: OCT HOURS: ALL

								
00-02	21.3	44.4	20.0	14.3		34.3	.6	930
03-05	20.6	47.7	17.8	13.8		31.6	1.6	930
80-60	6.9	51.4	27.3	14.1	.3	41.7	3.7	930
09-11	5.5	50.4	32.5	11.5	.1	44.1	.2	930
12-14	2.2	50.5	34.0	13.3		47.3		930
15-17	2.6	52.4	31.1	14.0		45.1		930
18-20	10.5	47.1	27.6	14.9		42.5		928
21-23	19.2	46.3	18.4	16.1		34.5		927
ALL HOURS	11.1	48.8	26.1	14.0	.1	40.1	.8	7435

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88

LST TO UTC: + 5

MONTH: NOV HOURS ASS

•••••	AIRWAY CLASSES													
HOURS (LST)	CLEAR	SCATTERED	BROKEN	OVERCAST	TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS						
00-02	23.6	37.3	18.9	20.2		39.1	1.6	900						
03-05	22.6	38.0	19.0	19.8	.7	39.4	4.3	900						
06-08	11.1	40.7	25.3	22.0	.9	48.2	5.9	900						
09-11	6.0	42.7	26.9	24.3	.1	51.3	1.0	900						
12-14	5.7	39.9	33.0	21.4		54.4		900						
15-17	5.8	41.7	28.3	24.2		52.6		900						
18-20	14.4	34.1	25.0	26.4		51.4		900						
21-23	22.6	34.4	21.1	21.8	.1	43.0	.6	900						
ALL HOURS	13.0	38.0	24.0	22.0	.0	47.0	1.0	7200						

MONTH: DEC HOURS: ALL

00-02	20.0	35.4	19.5	24.2	1.0	44.6	3.9	930
03-05	22.6	32.4	17.3	26.0	1.7	45.1	5.6	930
06-08	9.0	34.8	25.6	28.1	2.5	56.1	7.0	930
09-11	4.4	35.5	29.6	29.2	1.3	60.1	2.2	930
12-14	3.1	35.4	31.9	29.4	.2	61.5	.4	930
15 - 17	4.9	31.4	33.4	30.2		63.7	.1	930
18-20	12.7	30.9	30.3	26.1		56.5	.6	930
21-23	22.0	31.2	23.3	23.0	.4	46.8	1.5	930
ALL HOURS	12.4	33.4	26.4	27.0	.9	54.3	2.7	7440

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER FROM HOURLY OBSERVATIONS

STATION NAME: MASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5 MONTH: ALL HOURS: ALL STATION NUMBER: 747945

	AIRWAY CLASSES													
HOURS (LST)	CLEAR	SCATTERED	BROKEN	OVERCAST	TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS						
20-00	23.7	37.6	20.3	18.2	.3	38.8	1.3	10959						
03-05	23.2	40.0	18.8	17.5	.4	36.8	2.8	10959						
06-08	10.4	41.4	26.6	20.7	.8	48.2	4.7	10959						
09-11	6.3	42.3	30.5	20.5	.4	51.4	1.0	10959						
12-14	4.0	42.5	32.3	21.1	.1	53.5	.3	10959						
15 - 17	5.1	40.2	31.4	23.3	.0	54.8	.3	10959						
18-20	10.8	35.5	28.5	25.2	.0	53.7	.3	10957						
21-23	20.7	35.9	22.2	21.0	.1	43.4	.5	10956						
ALL HOURS	13.0	39.4	26.3	21.0	.3	47.6	1.4	87667						

PPPPP	РРРРРРР	AAA	AAA	RRRR	RRRR	TITITITIT	EEEEEEEEE
PPPPP	PPPP	AAAA	AAAA	RRRR	RRRRR	111111111	EEEEEEEEE
PP	PP	AA	AA	RR	RR	TT	EE
PP	PP	AA	AA	RR RR		TT	EE
PPPPP	PPPP	AA	AA	RRRR	RRRRR	ΤŤ	EEEEEE
PPPPP	PPP	AAAAA	AAAAA	RRRR	RRRR	TT	EEEEEE
PP		AAAAA	AAAAA	RR	RR	11	EE 33
PΡ		AA	AA	RR	RR	ΤΤ	EE
PP		AA	AA	RR	RR	TT	EEEEEEEEE
PΡ		AA	AA	RR	RR	11	EEEEEEEEE

PART E

TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

TEMPERATURE -- CUMULATIVE PERCENT OCCURRENCE FREQUENCY (POF).

THESE TABLES ARE CREATED FROM SUMMARY OF DAY DATA AND GIVE CUMULATIVE
POF FOR MAXIMUM, MINIMUM, AND MEAN TEMPERATURES, RESPECTIVELY. DATA IS
SUMMARIZED BY MONTH FOR ALL YEARS COMBINED. TOTALS ARE GIVEN FOR THE WHOLE
YEAR. DATA IS DISPLAYED USING 5-DEGREE FAHRENHEIT INCREMENTS (GE 0, GE 5,
GE 10, ETC).. THERE IS ONE SPECIAL THRESHOLD FOR "GE 33" DEGREES. MEANS,
STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS ARE GIVEN.

NOTE 1. BEGINNING IN JANUARY 1946, DAILY MAXIMUM AND MINIMUM TEMPERATURES
CAME ROUTINELY FROM HOURLY OBSERVATIONS ON AWS FORMS 10/10A OR FROM AUTOMATED
DATA COLLECTION FROM ALL USAF-OPERATED STATIONS. REFER TO THE "STATION HISTORY"
PAGE FOR DETAILED INFORMATION ON REPORTING PRACTICES.

MONTHLY TEMPERATURES.

ALSO FROM SUMMARY OF DAY DATA, THE TABLES GIVE MONTHLY MAXIMUM AND MINIMUM TEMP-ERATURES BY MONTH AND BY YEAR. MONTHLY RECORD TEMPERAIJRES (MAX AND MIN) ARE GIVEN, ALONG WITH TOTAL OBSERVATIONS. AN ASTERISK (*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS.

MEAN MONTHLY TEMPERATURE.

ALSO FROM SUMMARY OF DAY DATA, GIVES MONTHLY MEAN TEMPERATURE BY MONTH, FOR ALL MONTHS, AND FOR ALL YEARS. AN ASTERISK (*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS.

DRY BULB, WET BULB, AND DEW POINT TEMPERATURES.
THESE TABLES ARE CREATED FROM HOURLY OBSERVATIONS -- DATA IS SUMMARIZED:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS ARE GIVEN.
THE MEAN NUMBER OF HOURS WITH TEMPERATURES FOR VARIOUS THRESHOLDS ALSO
APPEAR AS SPECIFIED IN EACH SUMMARY AND IN ACCORDANCE WITH AFM 88-29,
"ENGINEERING WEATHER DATA," AND AWSP 105-56, "METEOROLOGICAL TECHNIQUES."

NOTE 1. WINTER WET BULB AND DEW POINT MEAN TEMPERATURES FOR VERY COLD STATIONS MUST BE USED WITH CAUTION. WHEN THE DRY BULB TEMPERATURE IS BELOW -35 DEGREES F, WET BULB TEMPERATURES ARE NOT REPORTED (FMH-1B). AS A RESULT, WINTER MEAN DEW POINTS (AND MORE FREQUENTLY, WINTER MEAN WET BULB TEMPERATURES) ARE ACTUALLY LOWER THAN SHOWN IN THE TABLES. IN SOME HOUR GROUPS, IN FACT, MEAN WET BULB TEMPERATURES MAY ACTUALLY BE SHOWN AS EXCEEDING THE MEAN DRY BULB TEMPERATURES.

TEMPERATURE CONVERSIONS: F = 1.8C + 32

C = K - 273.0 (BEFORE 5 APRIL 77) C = K - 273.2 (SINCE 5 APRIL 77)

RELATIVE HUMIDITY -- CUMULATIVE PERCENT OCCURRENCE FREQUENCY (POF). CREATED FROM HOURLY OBSERVATIONS, THESE TABLES GIVE POF OF RELATIVE HUMIDITY FOR 10% INCREMENTS. MEANS AND TOTAL OBSERVATION COUNTS ARE ALSO PROVIDED. THE DATA IS SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

OPERATING LOCATION 'A' USAFETAC, ASHEVILLE NC CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MAXIMUM TEMPERATURES IN FAHRENHEIT USAFETAC, ASHEVILLE NC

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: 7803-8810

JINII	ON NO	MBER: 747		ST TO UT		A 31101112	E LANDIN		•		TH: ALL	HOURS:		
TEMP (DEG		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ОСТ	NOV	DEC	ANN
GE GE GE GE GE GE GE GE GE GE GE GE GE G	95 90 85 80 75 70 65 60 55 50 45 40 35	.3 6.8 19.7 42.3 67.7 84.2 92.6 97.7 99.7 100.0	1.1 12.7 32.2 56.2 76.3 88.0 95.8 100.0	.3 6.5 20.3 53.2 78.8 91.7 97.2 99.4 99.7 100.0	2.1 17.3 49.7 81.2 96.4 99.7 100.0	8.2 36.4 83.3 98.8 100.0	2.1 29.4 79.1 98.8 100.0	5.3 49.0 95.3 99.4 100.0	2.9 45.7 95.3 100.0	20.6 79.1 97.3 99.7 100.0	4.7 28.2 79.8 96.8 99.7 100.0	6.7 40.3 73.3 90.3 97.0 99.3 100.0	.3 15.5 46.8 65.5 85.8 92.6 96.8 98.1 99.0 99.7 100.0	13.9 13.9 38.5 60.3 76.4 86.6 97.0 98.6 99.9 100.0
MEAN		67.4	70.3	74.2	79.2	83.3	87.5	89.5	89.2	86.8	82.5	77.2	72.0	80.2
SD 		8.10	8.07	6.87	5.40	4.15	3.59 	3.08	2.68	3.41	405	5.51	8.13	9.16
TOTAL	OBS	310	283	325	330	341	330	341	341	330	341	300	310	3882

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MINIMUM TEMPERATURES IN FAHRENHEIT FROM SUMMARY OF DAY DATA

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: 7803-8810 MONTH: ALL HOURS: ALL

			L	ST TO UT	C: +05					MON	ITH: ALL	HOURS:	ALL	
TEMP (DEG		JAN	FEB	MAR	APR	MAY	MUL	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE GE GE GE GE GE GE GE GE GE	80 75 70 65 60 55 50 45 40 35 33 30 25 20 15	3.9 14.2 29.7 44.5 61.6 81.6 92.3 94.8 97.1 98.7 99.7 100.0	6.0 24.7 45.9 63.3 75.3 90.8 98.9 99.6 100.0	1.5 14.2 40.6 62.8 80.0 92.3 97.5 99.1 99.7 100.0	5.5 27.9 53.3 82.4 95.5 98.5 100.0	.9 25.5 66.3 89.4 97.7 99.7 100.0	13.3 83.9 97.3 99.4 99.7 100.0	.6 30.2 94.4 99.4 99.7 100.0	.3 32.8 96.2 99.7 100.0	19.4 89.7 99.4 99.4 100.0	4.7 44.9 74.8 92.4 97.9 99.7 100.0	.3 17.0 48.7 67.0 79.0 87.0 95.0 98.3 99.7 100.0	2.3 18.4 43.5 57.7 72.3 84.5 93.2 97.4 98.7 99.7 100.0	.1 8.8 39.8 56.1 69.9 80.4 87.6 92.7 97.0 99.3 99.6 99.9 100.0 100.0
MEAN SD	 	48.1	52.2 8.75	56.3 8.04	60.0 6.32	66.0	71.7		73.5 2.21	72.5 2.69	67.7 5.18	61.6 8.63	55.3 9.90	63.5
TOTAL	OBS	310	283	325	330	341	330	341	341	330	341	300	310	3882

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MEAN TEMPERATURES IN FAHRENHEIT FROM SUMMARY OF DAY DATA

STATION NUMBER: 747945 STATION NAME: NASA SHUT

STATION NAME: NASA SHUTTLE LANDING FCLTY FL LST TO UTC: +05 PERIOD OF RECORD: 7803-8810
MONTH: ALL HOURS: ALL

TEM	>	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
(DE	3-F)													
GE	85	•••••	• • • • • • •	• • • • • • • • • • • • • • • • • • • •			2.1	9.4	4.4		•••••		* * * * * * * * * * * * * * * * * * * *	1.4
GE	80 j				.9	10.3	55.8	83.9	88.0	60.6	11.7			27.0
GE	75 j	.3	1.8	9.2	19.7	55.7	97.6	99.4	100.0	97.3	64.2	26.3	6.5	49.8
GE	70	9.7	17.3	30.8	53.9	91.2	99.7	100.0		99.7	92.1	62.0	31.9	67.2
GE	65	24.5	40.3	60.6	87.6	100.0	100.0			100.0	98.2	78.7	53.5	79.8
GE	60	42.6	61.5	79.1	97.3						100.0	89.7	71.6	87.6
GE	55	68.7	78.4	93.2	98.8							97.7	87.7	94.1
GE	50	85.5	90.8	97.5	99.7							99.7	94.5	97.5
GE	45	94.5	98.9	99.7	100.0							100.0	97.7	99.3
GE	40	98.4	100.0	99.7									98.4	99.7
GE	35	99.4		100.0									99.4	99.9
GE	33	99.7											99.7	99.9
GE	30 i	100.0											100.0	100.0

	• • • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • • •	• • • • • • • •	• • • • • • • •		• • • • • • • • • •	• • • • • • • • •
MEAN	58.0	61.5	65.6	69.9	74.9	79.8	81.6	81.6	79.9	75.4	69.7	63.9	72.1
SD											6.48		9.55
TOTAL OBS			325		341			341		341	300	310	3882
	. 		<i></i> .										

MONTHLY MAXIMUM TEMPERATURES IN FAHRENHEIT FROM SUMMARY OF DAY DATA

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: 7803-8810 LST TO UTC: +05 MONTH: ALL HOURS: ALL AUG OCT NOV DEC ANNUAL YEAR MAR APR MAY JUN JUL FEB 96* 85* 94*

							• • • • • •		•••••					
GREATEST	85	87	90	91	93	98	97	97	94	93	89	85	98	
TOTAL OBS					341	330	34		341	330	341	300	310	388 2

THE GREATEST VALUE OF 98 OCCURRED ON 06/03/85

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

MONTHLY MINIMUM TEMPERATURES IN FAHRENHEIT FROM SUMMARY OF DAY DATA

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: 7803-8810 LST TO UTC: +05 MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
78	 I	• • • • • • • •	46*	52	63	68	72	66	69	59	56	49	46*
79	32	35	47	50	54	66	72	70	<i>7</i> 3	60	42	43	32
80	36	35	29	52	61	62	70	70	65	47	38	38	29
81	19	34	40	50	48	65	55	68	57	58	32	30	19
82	26	41	43	49	56	71	70	72	67	51	51	42	26
83	35	39	40	50	57	68	68	71	65	59	42	22	22
84	40	32	32	48	53	53	65	64	68	58	44	36	32
85	20	33	43	45	58	68	67	69	68	66	46	25	50
86 I	l l 24	40	36	45	53	67	66	69	68	59	49	48	24
87	31	36	44	40	55	68	36	68	66	52	43	37	31
88 1	34	37	38	46	57	62	71	69	70	53			34*

,	• • • • • • • • • • • • •													
LEAST	19	32	29	40	48	53	55	64	57	47	32	22	19	
TOTAL OBS										330				3882

THE LEAST VALUE OF

19 OCCURRED ON 01/14/81

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

USAFETAC, ASHEVILLE NC

OPERATING LOCATION 'A' MONTHLY MEAN TEMPERATURES IN FAHRENHEIT FROM SUMMARY OF DAY DATA

STATION NU	MBER: 7479		ATION NA T TO UTC		SHUTTLE	E LANDING	FCLTY	FL		IOD OF R	ECORD: 7 HOURS:	803-8810 All	
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ост	NOV	DEC	ANNUAL
78	1		65*	72	77	81	83	82	80	76	72	68	76*
79	59	59	66	74	76	80	84	81	81	76	70	64	72
80	j 60	57	67	70	77	80	83	82	80	74	69	60	72
81	51	62	63	70	74	81	82	81	79	76	65	60	70
82	60	67	70	72	74	81	81	82	80	74	72	67	73
83	58	61	63	68	74	79	82	82	80	76	66	63	71
84	60	62	66	69	74	77	79	81	78	76	67	66	71
85	55	62	68	70	75	81	80	81	79	79	73	59	72
86	60	65	65	68	74	79	81	81	80	77	75	67	73
87 88	58 59	62 59	65 64	66 70	75 73	80 78	82 81	82 82	8 0 82	72 73	69	64	71 72*
MEAN	58.0	61.5	 65.6 6	9.9 74	.9 79.	8	 81.6	79.9	75.4	69.7	63.9	72.1	•••••

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

TOTAL OBS | 310 283 325 330 341 330 341 341 330 341 300 310 3882

DRY BULB TEMPERATURE SUMMARY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88

		LS	T TO UTC: +	5 MONTH: JAN	
HOURS LST		STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OFHOURS WITH TEMPERATURES DEG F LE 0 LE 32 GE 65 GE 80 GE 93	TOTAL HOURS
00-02	53.7	9.714	930	0 19 129 0 0	930
03-05	52.3	10.250	930	0 26 121 0 0	930
80-60	51.8	10.560	930	0 33 115 0 0	930
09-11	60.0	9.383	930	0 8 324 1 0	930
12-14	65.1	8.658	930	0 2 506 35 0	930
15-17	64.2	8.083	930	0 0 470 14 0	930
18-20	57.9	8.082	930	0 2 217 0 0	930
21-23	55.0	8.923	93 0	0 11 146 0 0	930
ALL HOURS	57.5	10.416	7440	0 101 2028 50 0	7440
				MONTH: FEB	•
00-02	57.0	8.578	849	0 0 181 0 0	849
03-05	55.8	8.830	849	0 1 150 0 0	849
06-08	55.6	8.989	849	0 0 156 0 0	849
09-11	63.8	8.385	849	0 0 434 2 0	849
12-14	68.0	8.515	849	0 0 584 57 0	849
15-17	66.9	8.155	849	0 0 542 37 0	849
18-20	61.3	7.752	849	0 0 345 1 0	849
21-23	58.4	8.110	849	0 0 223 0 0	849
ALL HOURS	60.8	9.632	6792	0 1 2615 97 0	6792

DRY BULB TEMPERATURE SUMMARY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88

LST TO UTC: + 5 MONTH: MAR

		LST	' TO UTC: + 5	MONTH: MAR	
HOURS		STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F TOTA LE 0 LE 32 GE 65 GE 80 GE 93 HOUI	
00-02	60.8	7.741	930	0 2 364 0 0 9	30
03-05	59.4	8.091	930	0 3 302 0 0 99	30
06-08	60.2	8.263	930	0 4 332 0 0 99	30
09-11	68.6	7.182	930	0 0 702 25 0 93	30
12-14	72.1	7.316	930	0 0 798 124 0 93	3 0
15-17	71.2	6.925	930	0 0 793 86 0 93	30
18-20	65.6	6.692	930	0 0 593 3 0 93	3 0
21-23	62.4	7.303	930	0 2 419 0 0 95	30
ALL HOURS	65.1	8.811	7440	0 11 4303 238 0 74	40
				MONTH: APR	
00-02	63.9	6.344	900	0 0 482 0 0 9	00
03-05	62.2	6.562	900	0 0 387 0 0 9	00
06-08	64.7	6.661	900	0 0 505 0 0 9	00
09-11	74.1	5.501	900	0 0 851 129 0 9	00
12-14	77.0	5.805	900	0 0 885 335 0 9	00
15-17	75.9	5.513	900	0 0 881 236 0 9	00
18-20	70.3	5.325	900	0 0 778 29 0 9	00
21-23	66.3	5.614	900	0 0 587 1 0 9	00
ALL HOURS	69.3	8.081	7200	0 0 5356 730 0 72	00

DRY BULB TEMPERATURE SUMMARY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88

LST TO UTC: + 5 MONTH: MAY HOURS | MEAN STANDARD TOTAL MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F TOTAL DEVIATION OBS LE 0 LE 32 GE 65 GE 80 GE 93 HOURS LST | 00-02 69.2 4.418 930 0 0 798 0 0 930 930 0 0 715 0 0 930 03-05 67.7 4.677 06-08 71.3 5.205 930 0 835 26 930 09-11 79.2 3.842 930 ß 0 930 450 n 930 930 930 2 81.3 4.582 930 ብ 0 609 12-14 15-17 79.4 4.539 930 0 928 459 0 930 18-20 74.6 3.942 930 0 0 924 85 0 930 930 4.041 930 n n 21-23 71.2 869 2 ALL 6929 6.492 7440 0 0 1631 2 7440 HOURS | 74.2 MONTH: JUN 900 00-02 | 74.1 2.908 892 900 0 0 14 0 ٥ 900 03-05 72.8 3.052 900 0 881 2 0 06-08 76.3 3.824 900 0 0 894 199 0 900 09-11 83.5 3.418 900 0 0 900 802 4 900 12-14 85.5 900 n 900 900 4.116 0 833 34 15-17 83.3 4.353 900 0 0 900 737 900 16 18-20 78.9 3.259 900 0 900 386 900 21-23 75.7 2.675 900 0 0 896 59 O 900 ALL HOURS 78.7 5.727 7200 7163 3032 55 7200

DRY BULB TEMPERATURE SUMMARY FR'M HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5 MONTH: JUL

		LS	1 10 UIC: + 5	MONTH: JUL
HOURS	•	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F TOTAL LE 0 LE 32 GE 65 GE 80 GE 93 HOURS
00-02	75.7	2.708	930	0 0 929 75 0 930
03 05	74.5	2.682	930	0 0 927 20 G 930
06-08	77.6	3.834	930	0 0 928 300 0 930
09-11	85.5	3.087	930	0 0 930 900 8 930
12-14	87.5	4.086	930	0 0 930 882 68 930
15-17	85.1	5.000	930	0 0 930 804 41 930
18-20	80.4	3.985	930	0 0 930 567 4 930
21-23	77.0	2.922	930	0 930 19° 0 930
ALL HOURS	80.4	5.892	7440	0 0 7434 3746 121 7440
				MONTH: AUG
00-02	75.7	2.304	930	0 0 930 34 0 930
03-05	74.6	2.042	930	0 0 929 17 0 930
06-08	77.5	3.600	930	0 0 929 277 0 930
09-11	85.4	3.096	930	0 0 930 884 6 930
12-14	87.0	4.144	930	0 0 930 861 44 930
15-17	84.6	4.487	930	0 0 930 799 20 930
18-20	80.0	3.244	930	0 0 930 561 0 930
21-23	77.0	2.217	930	0 0 930 134 0 930
)			

DRY BULB TEMPERATURE SUMMARY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: SEP

		LST	TO UTC: +	5 MONTH: SEP	
HOURS	,	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F TOT LE 0 LE 32 GE 65 GE 80 GE 93 HOU	
00-02	74.7	2.829	900	0 0 896 29 0 9	00
03-05	73.8	2.892	900	0 0 894 9 0 9	00
06-08	75.9	3.866	900	0 0 896 174 0 9	000
09-11	83.3	3.665	900	0 0 900 776 1 9	00
12-14	84.9	3.975	900	0 0 900 806 7 9	00
15-17	82.7	3.915	900	0 0 900 724 1 9	00
18-20	78.2	2.997	900	0 0 899 299 0 9	00
21-23	76.0	2.688	900	0 0 897 74 0 9	000
ALL HOURS	78.7	5.249	7200	0 0 7182 2891 9 72	200
				MONTH: OCT	
00-02	70.8	4.724	930	0 0 829 1 0 9	30
03-05	69.7	4.953	930	0 0 790 2 0 9	30
06-08	71.1	5.330	930	0 0 824 30 0 9	30
09-11	79.3	4.410	930	0 0 928 491 0 9	30
12-14	81.1	4.191	93 0	0 0 929 653 2 9	30
i5-17	79.0	4.221	930	0 0 929 456 0 9	30
18-20	73.9	3.886	928	0 0 902 33 0 9	28
21-23	72.0	4.455	927	0 0 855 2 0 9	27
ALL HOURS	74.6	6.235	7435	0 0 6986 1668 2 74	35

DRY BULB TEMPERATURE SUMMARY FROM HOURLY OBSERVATIONS

		LST	TO UTC: + 5	5 MONTH: NOV
HOURS	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F TOTAL LE 0 LE 32 GE 65 GE 80 GE 93 HOURS
00-02	65.4	7.899	900	0 1 593 0 0 900
03-05	64.5	8.089	900	0 0 560 0 0 900
06-08	64.8	8.206	900	0 0 568 1 0 900
09-11	73.0	6.611	900	0 0 794 119 0 900
12-14	75.7	5.989	900	0 0 851 260 0 900
15-17	73.6	5.726	900	0 0 832 105 0 900
18-20	68.0	6.785	900	0 0 687 0 0 900
21-23	66.1	7.723	900	0 0 630 0 0 900
ALL HOURS	68.9	8.304	7200	0 1 5515 485 0 7200
				MONTH: DEC
00-02	59.7	9.528	930	0 7 374 0 0 930
03-05	58.6	9.783	930	0 2 315 0 0 930
06-08	58.4	9.938	930	0 13 314 0 0 930
09-11	66.0	9.353	930	0 4 588 16 0 930
12-14	70.3	8.431	930	0 0 737 103 0 930
15-17	68.8	7.955	930	0 0 687 54 0 930
18-20	63.0	8.405	930	0 3 483 0 0 930
21-23	61.0	9.157	930	0 5 428 0 0 930
ALL HOURS	63.2	10.114	7440	0 44 3926 173 0 7440

DRY BULB TEMPERATURE SUMMARY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88

MONTH: ALL

LST TO UTC: + 5

MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F TOTAL HOURS | MEAN STANDARD TOTAL LST } OBS LE 0 LE 32 GE 65 GE 80 GE 93 HOURS DEVIATION 0 10959 00-02 | 66.8 9.810 10959 29 7397 153 0 10.017 0 6971 50 0 10959 03-05 10959 42 65.5 10959 50 7296 1007 0 10959 06-08 67.1 11.174 10959 09-11 75.2 10.493 10959 0 12 9211 4595 19 9880 10959 78.0 10959 0 2 5558 157 12-14 9.612 15-17 9.129 10959 0 0 9722 4511 78 10959 76.3 18-20 Ì 71.0 9.422 10957 5 8588 1964 10957 21-23 68.2 9.562 10956 0 18 7810 470 0 10956 ALL HOURS 71.0 10,911 87667 158 66875 18308 259 87667

WET BULB TEMPERATURE SUMMARY FROM HOURLY OBSERVATIONS

		LST	TO UTC: +	5 MON	TH: JAN			
HOURS		STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOU LE 32 GE 50			ES DEG F GE 80	HOURS
00-02	51.6	9.956	930	31 551	43	0	0	930
03-05	50.6	10.341	930	40 517	38	0	0	930
06-08	50.1	10.656	930	42 501	37	0	0	930
09-11	55.1	9.662	930	18 674	107	3	0	930
12-14	57.2	8.929	930	8 743	147	12	0	930
15-17	56.9	8.349	930	6 751	122	6	G	930
18-20	54.0	8.743	930	11 645	49	0	0	930
21-23	52.4	9.441	930	26 582	44	0	0	930
ALL	53.5	9.856	7440	182 4964	587	21	0	7440
				MON	TH: FEB			
00-02	54.7	8.932	849	5 611	53	0	0	849
03-05	53.8	9.146	849	11 589	46	0	0	849
06-08	53.7	9.317	849	11 588	56	0	0	849
09-11 j	58.1	8.678	849	0 694	153	2	0	849
12-14	59.6	8.259	849	0 722	188	13	0	849
15-17	59.1	8.015	849	0 719	168	7	0	849
18-20	57.0	8.189	849	0 684	83	0	0	849
21-23	55.5	8.567	849	2 642	63	0	0	849
ALL HOURS	56.4	8.937	6792	29 5249	810	22	0	6792

WET BULB TEMPERATURE SUMMARY FROM HOURLY OBSERVATIONS

		LS1	TO UTC: +		
HOURS		STANDARD DEVIATION	TOTAL OBS		TAL JRS
00-02	58.2	7.944	930	3 784 139 1 0	930
03-05	57.3	8.223	930	3 765 101 0 0	930
06-08	57.8	8.349	930	4 770 122 0 0	930
09-11	61.4	7.381	930	3 868 247 20 0	930
12-14	62.4	7.082	930	1 882 289 42 0 9	93 0
15-17	62.2	6.962	930	0 885 279 24 0	930
18-20	60.4	7.174	930	2 859 198 3 0 9	930
21-23	59.1	7.751	930	3 805 153 3 0	930
ALL HOURS	59.8	7.834	7440	19 6618 1528 93 0 74	440
				MONTH: APR	
00-02	61.2	6.622	900	0 862 221 5 D	900
03-05	60.2	6.749	900	0 853 191 3 0	900
06-08	61.8	6.555	900	0 864 256 12 0	900
09-11	65.0	5.755	900	0 891 428 57 0	900
12-14	65.5	5.736	900	0 894 462 94 0	900
15-17	65.4	5.463	900	0 894 438 76 0	900
18-20	63.7	5.718	900	0 891 324 25 0 96	00
21-23	62.4	6.211	900	0 880 270 7 0	900
ALL	63.2	6.456	7200	0 7029 2590 279 0 77	200

WET BULB TEMPERATURE SUMMARY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: MAY

LST TO UTC: + 5

		LS	T TO UTC: + 5	MONTH: MAY
HOURS	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F TOTAL LE 32 GE 50 GE 67 GE 73 GE 80 HOURS
00-02	66.6	4.576	930	0 928 530 72 0 930
03-05	65.7	4.842	930	0 927 468 45 0 930
06-08	67.8	4.608	930	0 928 602 136 0 930
09-11	70.2	3.977	930	0 930 755 299 1 930
12-14	70.6	3.968	930	0 930 772 324 2 930
15-17	70.2	3.920	930	0 930 763 293 1 930
18-0	68.7	4.073	930	0 930 677 158 0 930
21-23	67.5	4.507	930	0 930 604 111 0 930
ALL HOURS	68.4	4.701	7440	0 7433 5171 1438 4 7440
				MONTH: JUN
00-02	72.1	2.804	900	0 900 859 435 0 900
03-05	71.2	3.012	900	0 900 843 321 0 900
06-08	73.3	2.894	900	0 900 871 602 0 900
09-11	75.4	2.307	900	0 900 893 815 12 900
12-14	75.7	2.548	900	0 900 892 817 36 900
15-17	75.2	2.611	900	0 900 893 799 31 900
18-20	73.9	2.413	900	0 900 890 687 2 900
21-23	72.8	2.465	900	0 900 882 542 0 900
ALL HOURS	73.7	3.068	7200	0 7200 7023 5018 81 7200

WET BULB TEMPERATURE SUMMARY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: JUL

		LST	r to utc: +			MONTH:				
HOURS LST		STANDARD DEVIATION	TOTAL OBS	MEAN NL LE	JMBER	OF HOURS	WITH		JRES DEG F GE 80	
00-02	73.8	2.172	930		0	930	925	688	3	930
03-05	73.1	2.305	930		0	930	918	591	0	930
06-08	74.9	2.605	930		0	930	927	769	18	930
09-11	77.2	1.660	930		0	930	930	919	87	930
12-14	77.5	2.111	930		0	930	930	903	150	930
15-17	76.8	2.404	930		0	930	930	881	113	930
18~20	75.3	2.347	93 0		0	930	930	827	25	930
21-23	74.2	2.079	930		0	930	929	726	3	930
ALL					0	7440	7419	470/	700	7440
HOURS	75.4	2.801	7440			,440		6304	399	
HOURS	75.4	2.801	7440			MONTH:		0304	399	
HOURS		1.856	930					781	0	930
	74.3					MONTH:	AUG			
	74.3 73.5	1.856	930		0	MONTH: 930	AUG 925	781	0	930
00-02	74.3 73.5	1.856 1.815	930 930		0	MONTH: 930 930	AUG 925 924	781 690	0	930
00-02	74.3 73.5 75.1	1.856 1.815 2.261	930 930 930		0 0	MONTH: 930 930 930	925 924 928	781 690 820	0 0 14	930 930 930
00-02 03-05 06-08 09-11	74.3 73.5 75.1 77.7	1.856 1.815 2.261 1.431	930 930 930 930		0 0 0	930 930 930 930 930	925 924 928 930	781 690 820 923	0 0 14 96	930 930 930 930
00-02 03-05 06-08 09-11 12-14	74.3 73.5 75.1 77.7 78.0	1.856 1.815 2.261 1.431 1.871	930 930 930 930 930		0 0 0 0	930 930 930 930 930 930	925 924 928 930	781 690 820 923 915	0 0 14 96 177	930 930 930 930 930
00-02 03-05 06-08 09-11 12-14 15-17	74.3 73.5 75.1 77.7 78.0 77.2 75.7	1.856 1.815 2.261 1.431 1.871 2.059	930 930 930 930 930 930		0 0 0 0 0	930 930 930 930 930 930 930	925 924 928 930 930	781 690 820 923 915 901	0 0 14 96 177 101	930 930 930 930 930 930

WET BULB TEMPERATURE SUMMARY FROM HOURLY OBSERVATIONS

		LST	TO UTC: + 5			MONTH	: SEP			
HOURS	İ	STANDARD DEVIATION	TOTAL OBS		LE 32	OF HOUR		TEMPERATU GE 73		TOTAL HOURS
00-02	72.9	2.656	900	• • • • • • • • • • • • • • • • • • • •	0	900	881	551	0	900
03-05	72.2	2.775	900		0	900	873	444	0	900
06-08	73.5	2.966	900		0	900	883	587	7	900
09-11	76.1	2.492	900		0	900	898	810	37	900
12-14	76.3	2.481	900		0	900	898	822	67	900
15-17	75.6	2.566	900		0	900	897	791	38	900
18-20	74.1	2.481	900		0	900	896	700	6	900
21-23	73.3	2.582	900		0	900	890	616	3	900
ALL HOURS	74.3	3.066	7200		0	7200	7116	5321	158	7200
						MONTH	: 001			
00-02	68.0	5.029	930	• • • • • • • • • • • • • • • • • • • •	0	928	624	168	0	930
03-05	67.3	5.113	930		0	925	588	123	0	930
06-08	68.2	5,268	930		0	930	630	190	0	930
09-11	71.4	4.439	930		0	930	782	466	1	930
12-14	71.7	4.202	930		0	930	812	475	1	930
15-17	71.2	4.144	930		0	930	799	416	0	930
18-20	69.3	4.620	928		0	928	694	273	0	928
21 - 23	68.4	4.905	927		0	927	643	202	0	927
ALL HOURS	69.4	5.015	7435		0	7428	5572	2313	2	7435

WET BULB TEMPERATURE SUMMARY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5 PERIOD OF RECORD: NOV 78 - OCT 88

		rs	1 10 010: + 5	MONTH: NOV
HOURS	,	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F TOTA LE 32 GE 50 GE 67 GE 73 GE 80 HOUR:
00-02	63.2	7.860	900	1 817 408 30 0 900
03-05	62.6	7.998	900	0 804 356 22 0 90
06-08	62.8	8.079	900	0 819 373 38 0 90
09-11	66.9	6.836	900	0 879 592 175 0 90
12-14	67.6	6.369	900	0 893 622 208 0 90
15 - 17	66.8	6.293	900	0 893 569 161 0 90
18-20	64.5	7.289	900	0 851 464 59 0 90
21-23	63.4	7.895	900	0 831 419 40 0 90
ALL HOURS	64.7	7.614	7200	1 6787 3803 733 0 720
				MONTH: DEC
00-02	57.6	9.673	930	16 730 170 4 0 93
03-05	56.8	9.860	930	17 720 141 2 0 936
06-08	56.6	10.065	930	18 698 147 0 0 93
09-11	61.2	9.345	930	12 817 334 46 0 93
12-14	62.6	8.450	930	3 845 372 77 0 93
15-17	62.1	8.244	930	3 848 338 65 0 93
18-20	59.7	8.906	930	4 794 239 15 0 93
21-23	58.4	9.408	930	6 761 192 9 0 93
ALL HOURS	59.4	9.521	7440	79 6213 1933 218 0 744

WET BULB TEMPERATURE SUMMARY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5 MONTH: ALL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL	MEAN			S WITH GE 67	TEMPERATI	JRES DEG F GE 80	TOTAL HOURS
	,									
00-02	64.6	10.007	10959		56	9871	5778	2735	3	10959
03-05	63.7	10.194	10959		71	9760	5487	2241	0	10959
06-08	64.7	10.815	10959		75	9758	5832	3154	39	10959
09-11	68.0	9.694	10959		33	10343	7049	4535	234	10959
12-14	68.7	9.076	10959		12	10499	7314	4702	433	10959
15-17	 68.3	8.879	10959		9	10510	7126	4420	284	10959
18-20	 66.4	9.374	10957		17	10242	6374	3615	44	10957
21-23	 65.2	9.769	10956		37	10018	6019	3056	6	10956
ALL HOURS	 66.2	9.910	87667		310	81001	50979	28458	1043	87667

DEW POINT TEMPERATURE SUMMARY FROM HOURLY OBSERVATIONS

			10 UIC: + 5		MON TH:	JAN		
HOURS LST		STANDARD DEVIATION	TOTAL OBS	NUMBER LE 27		WITH LE 55	TEMPERATURES DEG GE 65	F TOTAL HOURS
00-02	49.7	11.312	930	 30	819	599	64	930
03-05	49.0	11.489	930	29	802	614	76	930
06-08	48.6	11.775	930	34	788	630	73	930
09-11	50.7	12.295	930	47	804	561	110	930
12-14	50.2	12.798	930	51	799	562	112	930
15-17	50.4	12.034	930	44	804	564	86	930
18-20	50.4	11.097	930	31	822	577	67	930
21-23	49.8	11.341	930	34	807	599	60	930
ALL HOURS	49.8	11.811	7440	 300	6445	4706	648	7440
					MONTH:	FEB		
00-02	52.8	10.187	849	 12	MONTH: 788	FEB 456	92	849
00-02	52.8 52.2	10.187 10.338	849 849	 12 15			92 75	849 849
j					788	456	_	
03-05	52.2	10.338	849	 15	788 777	456 463	75	849
03-05 	52.2 52.1	10.338	849 849	 15 20	788 777 775	456 463 465	75 84	849 849
03-05 06-08 09-11	52.2 52.1 53.4	10.338 10.604 11.382	849 849 849	 15 20 24	788 777 775 767	456 463 465 413	75 84 139	849 849 849
03-05 06-08 09-11 12-14	52.2 52.1 53.4 52.8	10.338 10.604 11.382 1.474	849 849 849 849	 15 20 24 24	788 777 775 767 759	456 463 465 413 424	75 84 139 115	849 849 849 849
03-05 06-08 09-11 12-14 15-17	52.2 52.1 53.4 52.8 52.8	10.338 10.604 11.382 1.474 11.209	849 849 849 849	 15 20 24 24 18	788 777 775 767 759 759	456 463 465 413 424 430	75 84 139 115	849 849 849 849

DEW POINT TEMPERATURE SUMMARY FROM HOURLY OBSERVATIONS

HOURS	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPEPATURES DEG F LE 27 GE 37 LE 55 GE 65	TOTAL HOURS
00-02	56.3	9.013	930	2 899 374 182	930
03-05	55.9	9.057	930	1 898 390 156	930
06-08	56.1	9.371	930	10 895 386 170	930
09-11	56.0	9.959	930	18 892 378 186	930
12-14	55.3	10.000	930	13 886 407 180	930
15-17	55.6	9.907	930	12 888 402 179	930
18-20	56.4	9.325	930	10 897 367 198	930
21-23	56.6	9.078	930	5 909 360 194	930
ALL HOURS	56.0	9.507	7440	71 7164 3064 1445	7440
				MONTH: APR	
00-02	59.4	7.523	900	0 892 258 273	900
03-05	58.8	7.482	900	0 891 290 248	900
06-08	59.9	7.456	900	1 891 232 286	900
09-11	59.0	8.398	900	2 882 268 274	900
12-14	58.0	8.883	900	0 883 311 239	900
15-17	58.6	8.526	900	0 885 282 248	900
18-20	59.3	7.977	900	0 893 246 273	900
21-23	59.7	7.746	900	0 895 235 297	900
ALL HOURS	59.1	8.054	7200	3 7112 2122 2138	7200

DEW POINT TEMPERATURE SUMMARY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5 MONTH: MAY

		LSI	10 010. + .			MONTH	MMI		
HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	LE	27	OF HOURS		TEMPERATURES DEG GE 65	F TOTAL HOURS
00-02	65.2	5.245	930		0	930	49	570	930
03-05	64.6	5.360	930		0	930	57	535	930
06-08	65.9	5.311	930		0	930	40	605	930
09-11	65.4	5.800	930		0	930	61	583	930
12-14	64.8	6.025	930		0	930	74	550	930
15-17	65.3	5.917	930		0	930	70	578	930
18-20	65.3	5.580	930		0	930	52	595	930
21-23	65.4	5.470	930		0	930	56	594	930
ALL HOURS	65.2	5.663	7440		0	7440	459	4610	7440
						MONTH:	JUN		
00.02	71.1	3.247	900		0	900	5	858	900
63-05	70.5	3.282	900		0	900	6	855	900
06-08	72.0	3,130	900		_		_		900
					0	900	2	871	,
09-11	71.9	3.225	900		0	900	5	871 870	900
09-11 12-14	71.9 71.4	3.225 3.663	900 900						
j					0	900	5	870	900
12-14 	71.4	3.663	900		0	900 900	5 6	870 860	900 900
12-14 15-17	71.4 71.7	3.663 3.491	900 900		0 0	900 900 900	5 6 6	870 860 864	900 900 900

DEW POINT TEMPERATURE SUMMARY FROM HOURLY OBSERVATIONS

		LSI	10 010. + 3	MONTE. JOL	
HOURS LST	İ	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURE LE 27 GE 37 LE 55 GE 65	S DEG F TOTAL HOURS
00-02		2.133	930	0 930 0 927	930
03-05	72.5	2.284	930	0 930 0 922	930
06-08	73.8	2.548	930	0 930 1 926	930
09-11	73.8	2.435	93 0	0 930 0 928	930
12-14	73.4	2.566	930	0 930 0 925	930
15-17	73.5	2.626	930	0 930 0 925	930
18-20	73.3	2.307	930	0 930 0 930	930
21-23	73.0	2.205	930	0 930 0 927	930
ALL HOURS	•	2.534	7440	0 7440 1 7410	7440
				MONTH: AUG	
00-02	73.7	1.939	930	0 930 0 929	930
03-05	73.1	1.883	930	0 930 0 927	930
06-08	74.2	2.087	930	0 930 0 929	930
09-11	74.7	1.845	930	0 930 0 930	930
12-14	74.4	2.368	930	0 930 0 929	930
15-17	74.2	2.307	930	0 930 0 930	930
18-20	74.0	1.939	930	0 930 0 929	930
21-23	73.8	1.920	930	0 930 0 930	930
ALL	} 		7440	0 7440 0 7433	7440

DEW POINT TEMPERATURE SUMMARY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5 MONTH: SEP

		LST	TO UTC: +	MONTH	: SEP		
HOURS		STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOUR LE 27 GE 37	S WITH LE 55	TEMPERATURES DEG GE 65	F TOTAL HOURS
00-02	72.0	3.090	900	0 900	0	881	90
03-05	71.6	2.990	900	0 900	0	872	900
06-08	72.5	3.167	900	0 900	0	878	900
09-11	73.0	3.322	900	0 900	1	882	900
12-14	72.7	3.189	900	0 900	0	883	900
15-17	72.6	3.354	900	0 900	2	877	900
18-20	72.4	3.124	900	0 900	2	875	900
21-23	72.1	3.114	900	0 900	3	880	900
ALL HOURS	72.4	3.288	7200	0 7200	٤	7028	7200
				MONTH	: OCT		
00-02	66.5	5.855	930	0 930	49	642	930
03-05	66.0	5.846	930	0 930	52	613	930
06-08	66.6	6.042	930	0 930	56	643	930
09-11	67.3	6.107	930	0 930	48	660	930
12-14	66.9	5.884	930	0 930	61	648	930
15-17	67.2	5.689	930	0 930	37	666	930
18-20	66.8	5.847	928	0 928	48	644	930
21-23	66.4	5.998	927	0 927	58	626	930
ALL	66.7	5.972	7435	0 7435	409	5142	7435

DEW POINT TEMPERATURE SUMMARY FROM HOURLY OBSERVATIONS

		LS	T TO UTC: + 5	MONTH: NOV
HOURS	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F TOTAL LE 27 GE 37 LE 55 GE 65 HOURS
00-02	61.9	8.429	900	0 894 187 438 900
03-05	61.5	8.497	900	0 891 186 421 900
06-08	61.6	8.600	900	0 891 204 429 900
09-11	63.3	8.630	900	0 893 164 514 900
12-14	62.7	8.700	900	0 894 172 481 900
15-17	62.6	8.570	900	0 894 170 478 900
18-20	62.2	8.497	900	0 898 189 465 900
21-23	61.8	8.758	900	0 891 206 446 900
ALL HOURS	62.2	8.619	7200	0 7146 1478 3672 7200
				MONTH: DEC
00-02	56.0	10.758	930	15 875 369 234 930
03-05	55.4	10.772	930	16 866 392 202 930
06-08	55.2	10.899	930	14 867 403 201 930
09-11	57.6	11.159	930	23 876 337 300 930
12-14	57.1	10.950	930	22 877 347 282 930
15-17	57.3	10.836	930	15 883 331 271 930
18-20	57.1	10.612	930	14 890 338 275 930
21-23	56.4	10.690	930	12 884 365 257 930
ALL HOURS	56.5	10.880	7440	131 7018 2882 2022 7440

DEW POINT TEMPERATURE SUMMARY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: ALL

	• • • • • • • • • • • • • • • • • • •						 .		
HOURS	MEAN	STANDARD	TOTAL	MEAN	NUMBER LE 27	OF HOUR	S WITH LE 55	TEMPERATURES GE 65	DEG F TOTAL HOURS
LST	i	DEVIATION	OBS		LE &I	GE 31	LE 33	GE 03	nouks
00-02	63.2	10.855	10959	•••••	59	10687	2346	6090	10959
03-05	62.6	10.944	10959		61	10645	2450	5902	10959
06-08	63.2	11.423	10959		79	10627	2419	6095	10959
09-11	63.	11.322	10959		114	10634	2236	6376	10959
12-14	63.4	11.482	10959		110	10618	2364	6204	10959
15-17	63.5	11.284	10959		89	10633	2294	6209	10959
18-20	63.6	10.843	10957		65	10700	2246	6215	10957
21-23	63.3	10.854	10956		63	10686	2313	6168	10956
ALL	63.3	11.134	87667		640	85230	18668	49259	87667

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY FROM HOURLY OBSERVATIONS

STATION	NUMBER:	141943		UTC: + 5	insa shut	TE LAND	ING PCLI		ONTH: JAI		NOV 76 - OCT 66
HOURS	10%	20%	RELA' 30%	TIVE HUMI 40%	DITY GRE 50%	ATER THA 60%	N OR EQL 70%	JAL TO 80%	90%	MEAN	TOTAL OBS
00-02	100.0	100.0	100.0	99.9	98.7	96.8	91.2	78.2	54.1	86.6	930
03-05	100.0	100.0	100.0	100.0	99.5	97.2	93.8	83.7	62.3	89.0	930
06-08	100.0	100.0	100.0	100.0	98.7	97.1	94.3	85.7	63.9	89.3	930
09-11	100.0	100.0	99.1	97.1	90.5	78.7	58.9	38.8	18.2	72.7	930
12-14	100.0	99.1	95.6	89.4	75.7	51.9	30.8	15.7	6.8	60.8	930
15-17	100.0	99.0	95.7	88.8	79.2	8.06	37.7	18.2	7.4	63.1	930
18-20	100.0	100.0	99.7	98.0	94.1	87.6	74.5	52.4	22.8	77.1	930
21-23	100.0	100.0	99.9	99.5	97.8	94.0	85.	67.6	41.5	83.0	930
ALL HOURS	100.0	99.8	98.8	96.6	91.8	83.0	70.8	55.0	34.6	83.0	7440
								ŀ	MONTH: FL	В	
00-02	100.0	100.0	100.0	99.9	99.6	97.3	91.0	78.2	51.0	86.3	849
03-05	100.0	100.0	100.0	99.6	99.1	97.5	93.3	84.9	58.3	88.2	849
06-08	100.0	100.0	100.0	99.8	98.8	96.7	93.1	82.3	60.8	88.2	849
09-11	100.0	100.0	99.3	95.6	88.1	75.3	55.4	33.5	15.7	70.7	849
12-14	100.0	99.9	96.3	87.5	75.6	51.9	28.2	13.8	4.9	60.3	849
15-17	100.0	99.8	96.9	89.6	77.9	58.8	35.0	18.1	7.2	62.7	849
18-20	100.0	99.8	99.6	98.5	95.1	86.1	71.7	49.7	20.3	76.2	849
21-23	100.0	100.0	100.0	100.0	99.6	96.0	85.4	69.5	39.1	83.2	849
ALL (100.0	99.9	99.0	96.3	91.7	82.4	69.1	53.8	32.2	83.2	6792

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY FROM HOURLY OBSERVATIONS

			LST TO	UTC: +	5			MO	NTH: MAR	t	NOV 78 - OCT 88
HOURS			RELA1		IDITY GRE			AL TO	90%		TOTAL OBS
00-02	100.0	100.0	100.0	99.8	99.6	98.1	91.9	78.1	45.6	85.8	930
03-05	100.0	100.0	100.0	99.8	99.6	98.3	94.5	84.6	59.9	88.4	930
06-08	100.0	100.0	100.0	99.9	99. 0	96.7	91.4	79.8	54.8	86.9	930
09-11	100.0	100.0	98.9	95.2	86.3	65.3	39.6	20.2	6.1	65.6	930
12-14	100.0	100.0	97.5	89.0	69.7	40.8	18.9	8.4	3.5	57.2	930
15-17	100.0	100.0	97.7	91.6	73.8	49.1	26.5	10.3	5.3	59.7	930
18-20	100.0	100.0	99.8	98.6	93.9	84.1	63.5	35.8	12.9	73.2	930
21-23	100.0	100.0	100.0	100.0	99.6	96.6	86.1	63.0	29.8	81.7	930
ALL HOURS	100.0	100.0	99.2	96.7	90.2	78.6	64.1			81.7	7440
								м	ONTH: AF	PR .	
00-05	100.0	100.0	100.0	100.0	99.8	98.3	93,1	77,7	46.6	85.8	900
03-05	100.0	100.0	100.0	100.0	99.9	99.0	95.7	87.7	60.0	88.9	900
06-08	100.0	100.0	100.0	100.0	99.2	95.8	89.2	72.6	48.1	85.0	900
09-11	100.0	100.0	99.0	94.1	79.8	54.0	23.0	8.2	3.1	60.8	900
12-14	100.0	100.0	96.3	82.3	60.8	34.4	11.1	5.3	2.1	53.6	900
15 - 17	100.0	100.0	97.3	85.4	68.6	42.4	18.9	6.9	4.3	56.9	900
18-20	100.0	100.0	99.9	98.1	90.1	75.6	54.6	26.9	8.4	69.7	900
21-23	100.0	100.0	100.0	99.9	98.6	93.3	81.6	59.1	26.8	80.1	900
ALL HOURS	100.0	100.0	99.1	95.0	87.1	74.1	58.4	43.0	24.9	80.1	7200

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY FROM HOURLY OBSERVATIONS

SIAIIU	N NUMBER:	141945		N NAME:	5			M	ONTH: MAY		NUV 76 - ULI 00
HOURS LST		20%	RELA 30%	TIVE HUM 40%	IDITY GRI 50%	EATER THA			90%	MEAN	TOTAL OBS
00-02	100.0	100.0	100.0	100.0	100.0	99.4	96.8	82.3	51.6	87.4	930
03-05	100.0	100.0	100.0	100.0	100.0	99.0	96.9	88.1	71.1	90.3	930
06-08	100.0	100.0	100.0	100.0	99.2	95.6	86.2	67.6	45.6	83.9	930
09-11	100.0	100.0	100.0	98.7	88.5	63.4	29.0	8.1	3.0	63.6	930
12-14	100.0	100.0	99.0	95.1	76.9	45.8	15.6	5.8	3.0	58.8	930
15-17	100.0	100.0	99.4	97.0	86.8	63.0	28.6	10.4	4.7	63.4	930
18-20	100.0	100.0	99.8	99.6	97.6	89.0	65.7	32.3	9.9	73.9	930
21-23	100.0	100.0	100.0	100.0	99.8	98.0	89. 5	63.9	29.8	82.4	930
ALL HOURS	100.0	100.0	99.8	98.8	93.6	81.7	63.5	44.8	27.3	82.4	7440
								!	MONTH: JU	JN	
00-02	100.0	100.0	100.0	100.0	100.0	100.0	97.8	91.3	69.6	90.5	900
03.05	100.0	100.0	100.0	100.0	100.0	99.8	98.6	95.3	83.9	92.9	900
06-08	100.0	100.0	10.0	100.0	100.0	99.6	95.7	77.4	50.1	87.1	900
09-11	100.0	100.0	100.0	99.8	98.1	83.7	46.2	11.7	2.9	68.9	900
12-14	100.0	100.0	100.0	98.8	91.6	66.4	27.1	7.4	2.9	63.9	900
15-17	100.0	100.0	100.0	99.1	94.9	81.0	49.3	15.1	5.8	69.2	900
18-20	100.0	100.0	100.0	100.0	99.7	97.4	83.9	43.7	16.1	79.1	900
21-23	160.0	100.0	100.0	100.0	100.0	100.0	97.2	84.4	42.6	87.1	900
ALL HOURS	100.0	100.0	100.0	99.7	98.0	91.0	74.5	53.3	34.2	87.1	7200

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY FROM HOURLY OBSERVATIONS

			LST TO	UTC: + 5	5			MO	NTH: JUL		
HOURS	. I		RELA1	TIVE HUM!	DITY GRE	ATER THAN	OR EQU	AL TO		• • • • • • • • •	• • • • • • • • • • • • • • • • • • • •
LST	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	TOTAL OBS
00-02	100.0	100.0	100.0	100.0	100.0	100.0	99.4	96.7	71.9	91.4	930
03-05	100.0	100.0	100.0	100.0	100.0	100.0	99.4	98.3	85.8	93.7	930
06-08	100.0	100.0	100.0	100.0	100.0	99.9	98.3	82.0	54.2	88.4	930
09-11	100.0	100.0	100.0	100.0	99.7	85.8	49.0	8.3	1.8	68.7	930
12-14	100.0	100.0	100.0	100.0	94.8	66.3	25.4	7.1	2.9	63.9	930
15-17	100.0	100.0	100.0	99.9	97.4	81.1	45.1	15.9	8.7	69.2	930
18-20	100.0	100.0	100.0	100.0	99.9	98.1	87.4	44.6	16.9	79.5	930
21-23	100.0	100.0	100.0	100.0	100.0	100.0	99.2	87.1	47.2	87.8	930
ALL HOURS	100.0	100.0	100.0	100.0	99.0	91.4	75.4	55.0	36.2	87.8	7440
								м	ONTH: AU	G	
00-02	100.0	100.0	100.0	100.0	100.0	100.0	99.7	98.4	84.3	93.3	930
03-05	100.0	100.0	100.0	100.0	100.0	100.0	99.7	99.4	94.3	95.2	930
06-08	100.0	100.0	100.0	100.0	100.0	100.0	98.8	86.9	64.4	90.2	930
09-11	100.0	100.0	100.0	100.0	99.5	90.4	59.2	13.9	3.2	71.0	930
12-14	100.0	100.0	100.0	99.9	97.0	76.0	34.7	10.8	5.6	67.0	930
15-17	100.0	100.0	100.0	99.8	98.3	89.6	58.2	21.6	9.7	72.1	930
18-20	100.0	100.0	100.0	100.0	99.9	99.4	95.4	60.1	21.4	82.5	930
21-23	100.0	100.0	100.0	100.0	100.0	100.0	99.9	95.2	60.4	-^.0	930
ALL HOURS	100.0	100.0	100.0	100.0	99.3	94.4	80.7	60.8	42.9	90.0	7440

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: SEP

			LST TO	UTC: +	5			MC	NTH: SEF)	
HOURS LST	,	20%	RELA 30%	TIVE HUM 40%	IDITY GR	EATER THA	IN OR EQL 70%	JAL TO 80%	90%	MEAN	TOTAL OBS
00-02	100.0	100.0	100.0	100.0	100.0	99.8	98.3	91.6	74.8	91.6	900
03-05	100.0	100.0	100.0	100.0	100.0	100.0	98.2	93.3	81.2	93.2	900
06-08	100.0	100.0	100.0	100.0	100.0	99.7	97.0	85.8	63.0	89.7	900
09-11	100.0	100.0	100.0	99.8	98.7	90.9	62.6	18.2	6.6	72.0	900
12-14	100.0	100.0	100.0	99.8	97.8	78.8	41.7	10.9	4.3	67.5	900
15-1 <i>7</i>	100.0	100.0	100.0	100.0	98.8	90.2	60.4	20.3	8.3	72.4	900
18-20	100.0	100.0	100.0	100.0	100.0	99.7	91.9	61.7	26.2	82.8	900
21-23	100.0	100.0	100.0	100.0	100.0	99.8	96.8	84.3	53.2	88.1	900
ALL HOURS	100.0	100.0	100.0	99.9	99.4	94.8	80.9	58.3	39.7	88.1	7200
								M	ONTH: OC	ī	
00-02	100.0	100.0	100.0	100.0	100.0	97.3	91.1	76.9	57.3	86.9	930
03-05	100.0	100.0	100.0	100.0	100.0	97.4	91.5	80.9	65.2	88.7	930
06-08	100.0	100.0	100.0	100.0	99.7	96.8	89.4	75.4	56.1	86.6	930
09-11	100.0	100.0	100.0	99.8	93.7	74.2	41.7	15.2	5.5	67.7	930
12-14	100.0	100.0	100.0	99.4	89.6	59.6	28.2	6.9	1.6	62.9	930
15-17	100.0	100.0	100.0	99.6	96.1	76.3	43.8	14.4	4.0	67.9	930
18-20	100.0	100.0	100.0	100.0	99.9	95.3	80.0	49.8	17.2	79.0	928
21-23	100.0	100.0	100.0	100.0	99.7	95.4	87.2	67.3	37.0	83.1	927
ALL HOURS	100.0	100.0	100.0	99.8	97.3	86.5	69.1	48.3	30.5	83.1	7435

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY FROM HOURLY OBSERVATIONS

•			LST TO	UTC: +	5			MC	ONTH: NO	,	
HOURS LST		20%	RELA 30%	TIVE HUM 40%	IDITY GRI 50%	EATER THA	IN OR EQI 70%	JAL TO 80%	90%	MEAN	TOTAL OBS
00-02	100.0	100.0	100.0	100.0	99.9	99.0	95.0	84.0	61.4	88.7	900
03-05	100.0	100.0	100.0	100.0	99.9	99.3	95.6	87.2	67.9	90.1	900
06-08	100.0	100.0	100.0	100.0	100.0	98.9	95.3	86.1	66.2	89.7	900
09-11	100.0	100.0	100.0	99.2	95.6	85.3	58.7	32.4	12.8	72.8	900
12-14	100.0	100.0	99.4	97.1	89.0	69.3	35.0	14.8	4.4	65.4	900
15-17	100.0	100.0	99.7	97.8	92.1	79.0	51.0	22.8	7.8	69.7	900
18-20	100.0	100.0	100.0	100.0	99.6	96.7	87.2	65.8	32.4	82.3	900
21-23	100.0	100.0	100.0	100.0	99.9	98.7	90.7	78.6	51.8	86.4	900
ALL HOURS	 100.0	100.0	99.9	99.3	97.0	90.8	76.1	59.0	38.1	86.4	7200
								ı	MONTH: DI	EC	
00-02	100.0	100.0	100.0	99.8	99.2	97.8	91.9	82.7	60.9	88.1	930
03-05	100.0	100.0	100.0	99.9	99.5	97.5	92.6	86.0	67.6	89.5	930
06-08	100.0	100.0	100.0	100.0	99.7	97.8	94.0	85.2	66.7	89.5	930
09-11	100.0	100.0	100.0	99. 0	96.0	87.0	67.3	40.2	18.4	75.2	930
12-14	100.0	100.0	98.8	95.9	88.8	64.5	32.4	11.3	3.5	64.1	930
15 - 17	100.0	99.8	99.0	96.0	91.0	74.3	46.6	20.0	7.4	68.0	930
18-20	100.0	100.0	100.0	99.5	98.0	94.9	85.5	63.4	31.6	81.7	930
21-23	100.0	100.0	99.9	99.7	99.5	96.7	89.0	75.9	48.4	85.3	930
ALL HOURS	100.0	100.0	99.7	98.7	96.5	88.8	74.9	58.1	38.1	85.3	7440

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY FROM HOURLY OBSERVATIONS

HOURS RELATIVE HUMIDITY GREATER THAN OR EQUAL TO											
LST	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	TOTAL OBS
00-02	100.0	100.0	100.0	99.9	99.7	98.6	94.8	84.7	8.06	88.6	10959
03-05	100.0	100.0	100.0	99.9	99.8	98.8	95.8	89.1	71.5	90.7	10959
06-08	100.0	100.0	100.0	100.0	99.5	97.9	93.5	80.6	57.8	87.9	10959
09-11	100.0	100.0	99.7	98.2	92.9	77.8	49.2	20.7	8.1	69.1	10959
12-14	100.0	99.9	98.6	94.6	84.0	58.8	27.4	9.8	3.8	62.1	10959
15-17	100.0	99.9	98.8	95.4	88.0	70.5	41.8	16.2	6.7	66.2	10959
18-20	100.0	100.0	99.9	99.4	97.3	92.0	78.5	48.8	19.7	78.1	10957
21-23	100.0	100.0	100.0	99.9	99.5	97.4	90.7	74.7	42.3	84.9	10956
ALL HOURS	100.0	100.0	99.6	98.4	95.1	86.5	71.5	53.1	33.8	78.4	87667

РРРРРРРР	AAAAA		RRRR	RRRR	TTTTTTTTT	FFFFFFFFF	
PPPPP	PPPP	AAAA	AAAA	RRRR	RRRRR	TTTTTTTTT	FFFFFFFFF
ΡP	PP	AA	AA	RR	RR	ΤŢ	FF
PP	PΡ	AA	AA	RR	RR	TT	FF
PPPPP	PPPP	AA	AA	RRRR	RRRRR	TT	FFFFFF
PPPPP	PPP	AAAAA	AAAAA	RRRR	RRRR	7.7	FFFFFF
PP		AAAAA	AAAA	RR	RR	TT	FF
PP		AA	AA	RR	RR	TT	FF
PP		AA	AA	RR	RR	TT	FF
PP		AA	AA	RR	RR	ΓŢ	FF

PART F

PRESSURE SUMMARIES

ALL PRESSURE DATA IN PART F IS TAKEN FROM HOURLY OBSERVATIONS. IT IS SUMMARIZED:

- BY EIGHT 3-HOUR STANDARD SYNOPTIC REPORTING TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

SEA LEVEL PRESSURE.

IN MILLIBARS, TABLES GIVE MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS. THIS SUMMARY IS NOT AVAILABLE FOR METAR REPORTING SITES.

ALTIMETER SETTING.

IN INCHES OF MERCURY (Hg), TABLES GIVE MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS.

STATION PRESSURE.

IN INCHES OF MERCURY (HG), TABLES GIVE MEANS, STANDARD DEVIATIONS AND TOTAL OBSERVATION COUNTS.

PRESSURE CONVERSIONS ARE: 1 MILLIBAR = 0.02953 INCHES OF MERCURY (HG).

SEA LEVEL PRESSURE IN MILLIBARS FROM HOURLY OBSERVATIONS

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ОСТ	NOV	DEC	ANN
0100	MEAN SD	1019.9 5.031 310	1019.1 5.072 283	1017.8 5.820 310	1016.7 4.146 300	1016.2 3.010 310	1016.6 2.627 300	1018.2 2.251 310	1017.3 2.494 310	1016.4 3.330 300	1017.3 3.136 310	1018.5 3.727 300	1020.4 4.025 310	1017.9 4.092 3653
0400	 MEAN SD TOT OBS	 1019.4 5.069 310	1018.3 5.081 283	1017.0 5.772 310	1016.0 4.044 300	1015.6 2.970 310	1016.0 2.636 300	1017.5 2.240 310	1016.6 2.467 310	1015.7 3.000 300	1016.6 3.127 310	1018.0 3.681 300	1020.0 4.029 310	1017.2 4.076 3653
0700	MEAN SD TOT OBS	1019.9 5.217 310	1019.1 5.128 283	1017.9 5.870 310	1017.2 4.145 300	1016.7 2.989 310	1017.1 2.682 300	1018.5 2.175 310	1017.6 2.484 310	1016.6 2.967 300	1017.6 3.177 310	1018.8 3.695 300	1020.6 4.093 310	1018.1 4.070 3653
1000	MEAN SD TOT OBS	1021.4 5.271 310	1020.4 5.192 283	1019.2 5.913 310	1018.0 4.279 300	1017.4 3.086 310	1017.7 2.760 300	1019.2 2.283 310	1018.4 2.540 310	1017.6 3.005 300	1018.6 3.282 310	1020.0 3.769 300	1022.1 4.181 310	1019.2 4.215 3653
1300	MEAN SD TOT OBS	1019.8 5.314 310	1019.3 5.260 283	1018.3 6.025 310	1017.1 4.475 300	1016.8 3.276 310	1017.1 2.801 300	1018.6 2.314 310	1017.7 2.647 310	1016.8 3.090 300	1017.4 3.357 310	1018.5 3.940 300	1020.4 4.332 310	1018.1 4.221 3653
1600	 MEAN SD TOT OBS	1018.7 5.213 310	1017.9 5.347 283	1016.7 6.069 310	1015.7 4.592 299	1015.5 3.317 310	1015.9 2.843 300	1017.4 2.278	1016.4 2.632 310	1015.5 3.126 299	1016.4 3.381 310	1017.6 3.981 300	1019.5 4.396 310	1016.9 4.278 3651
1900	MEAN SD TOT OBS	1019.5 5.002 310	1018.4 5.342 283	1017.1 5.941 310	1015.8 4.481 300	1015.6 3.c07 310	1016.0 2.705 300	1017.5 2.273 310	1016.6 2.564 310	1015.9 3.211 300	1017.0 3.282 309	1018.3 3.829 300	1020.3 4.242 310	1017.3 4.248 3652
2200	 MEAN SD TOT OBS	 1020.3 4.936 306	1019.3 5.214 283	1018.2 5.827 310	1016.9 4.315 300	1016.5 3.086 310	1017.1 2.640 300	1018.5 2.227 310	1017.6 2.529 310	1017.0 2.766 298	1017.9 3.202 309	1019.0 3.751 300	1020.9 4.163 307	1018.3 4.097 3643
ALL HOURS	 Mean SD TOT OBS	1019.9 5.185 2476	1019.0 5.254 2264	1017.8 5.954 2480	1016.7 4.379 2399	1016.3 3.189 2480	1016.7 2.781 2400	1018.2 2.332 2480	1017.3 2.627 2480	1016.4 3.138 2397	1017.3 3.312 2478	1018.6 3.855 2400	1020.5 4.244 2477	1017.9 4.216 29211

ALTIMETER SETTING IN INCHES FROM HOURLY OBSERVATIONS

			LSIII) UIC: +	7									
HOURS (LST)	STATS	NAL	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ОСТ	NOV	DEC	ANN
0100	MEAN	30.12	30.09	30.06	30.02	30.01	30.02	30.07	30.04	30.01	30.04	30.08	30.13	30.06
	SD	.149	.150	.172	.122	.089	.078	.066	.074	.098	.093	.110	.119	.121
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
0400	MEAN	30.10	30.07	30.03	30.00	29.99	30.00	30.05	30.02	29.99	30.02	30.06	30.12	30.04
	SD	.150	.150	.171	.119	.088	.078	.066	.073	.089	.092	.109	.119	.120
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
0700	MEAN	30.12	30.09	30.06	30.04	30.02	30.03	30.08	30.05	30.02	30.05	30.09	30.14	30.07
	SD	.154	.151	.173	.122	.088	.079	.064	.073	.088	.094	.109	.121	.120
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
1000	MEAN	30.16	30.13	30.10	30.06	30.04	30.05	30.10	30.07	30.05	30.08	30.12	30.18	30.10
	SD	.156	.153	.175	.126	.091	.081	.067	.075	.089	.097	.111	.123	.124
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
1300	MEAN	30.11	30.10	30.07	30.04	30.02	30.03	30.08	30.05	30.03	30.04	30.08	30.13	30.07
	SD	.157	.155	.178	.132	.097	.083	.068	.078	.092	.099	.116	.128	.125
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
1600	MEAN	30.08	30.06	30.02	29.99	29.99	30.00	30.04	30.01	29.99	30.01	30.05	30.11	30.03
	SD	.154	.158	.179	.136	.098	.084	.067	.078	.092	.100	.118	.130	.126
	TOT OBS	310	283	310	299	310	300	310	310	300	310	300	310	3652
1900	MEAN	30.11	30.07	30.03	30.00	29.99	30.00	30.05	30.02	30.00	30.03	30.07	30.13	30.04
	SD	.148	.158	.176	.132	.095	.080	.067	.076	.095	.097	.113	.125	.125
	TOT OBS	310	283	310	300	30	300	310	310	300	309	300	310	3652
2200	MEAN	30.13	30.10	30.07	30.03	30.02	30.03	30.08	30.05	30.03	30.06	30.09	30.15	30.07
	SD	.146	.154	.172	.127	.091	.078	.066	.075	.110	.095	.111	.123	.123
	TOT OBS	310	283	310	300	310	300	310	310	300	309	300	310	3652
ALL HOURS	MEAN SD TOT OBS	30.12 .153 2480	30.09 .155 2264	30.05 .176 2480	30.02 .129 2399	30.01 .094 2480	30.02 .082 2400	30.07 .069 2480	30.04 .077 2480	30.01 .096 2400	30.04 .098 2478	30.08 .114 2400	30.14 .125 2480	30.06 .125 29221

STATION PRESSURE IN INCHES FROM HOURLY OBSERVATIONS

LST TO UTC: + 5 HOURS STATS JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC ANN														
HOURS (LST)	•	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0100	MEAN	30,10	30.07	30.04	30.00	29.99	30.00	30.05	30.02	29.99	30.02	30.06	30.11	30.04
	SD	.148	.150	.172	.122	.089	.078	.067	.074	.098	.093	.110	.119	.121
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
0400	MEAN	30.08	30.05	30.01	29.98	29.97	29.98	30.03	30.00	29.97	30.00	30.04	30.10	30.02
	SD	.149	.150	.171	.119	.088	.078	.066	.073	.089	.092	.109	.119	.120
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
0700	MEAN	30.10	30.07	30.04	30.02	30.00	30.01	30.06	30.03	30.00	30.03	30.07	30.12	30.05
	SD	.154	.151	.174	.122	.088	.079	.064	.073	.087	.094	.109	.121	.120
	TOT OBS	.310	283	310	300	310	300	310	310	300	310	300	310	3653
1000	MEAN	30.14	30.11	30.08	30.04	30.02	30.03	30.08	30.05	30.03	30.06	30.10	30.16	30.08
	SD	.156	.154	.175	.126	.091	.082	.068	.075	.088	.097	.111	.124	.124
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
1300	MEAN	30.09	30.08	30.05	30.02	30.00	30.01	30.06	30.03	30.01	30.02	30.06	30.11	30.05
	SD	.157	.155	.178	.132	.097	.083	.068	.078	.091	.099	.117	.128	.125
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
1600	MEAN	30.06	30.04	30.00	29.97	29.97	29.98	30.02	29.99	29.97	29.99	30.03	30.09	30.01
	SD	.154	.158	.179	.136	.098	.084	.067	.078	.092	.100	.118	.130	.126
	TOT OBS	310	283	310	299	310	300	310	310	300	310	300	310	3652
1900	MEAN	30.09	30.05	30.01	29.98	29.97	29.98	30.03	30.00	29.98	30.01	30.05	30.11	30.02
	SD	.148	.158	.176	.132	.095	.080	.067	.076	.094	.097	.113	.125	.125
	TOT OBS	310	283	310	300	310	300	310	310	300	309	300	310	3652
2200 (MEAN	30.11	30.08	30.05	30.01	30.00	30.01	30.06	30.03	30.01	30.04	30.07	30.13	30.05
	SD	.146	.154	.172	.127	.091	.078	.066	.075	.109	.094	.111	.1°3	.123
	TOT OBS	310	283	310	300	310	300	310	310	300	309	300	310	3652
ALL HOURS	MEAN SD TOT OBS	30.10 .153 2480	30.07 .155 2264	30.03 .176 2480	30.00 .129 2399	29.99 .094 2480	30.00 .082 2400	30.05 .069 2480	30.02 .078 2480	29.99 .096 2400	30.02 .098 2478	30.06 .114 2400	30.12 .125 2480	30.04 .125 29221

PPPPPPPP		AAA	AAA	RRRR	RRRR	**********	GGGGGG			
PPPPP		AAAA	AAAA	RRRR	RRRRR	111111111	GG	GGGGG		
PP	PP	AA	AA	RR	RR	TT	GG	GG		
PP	PP	AA	AA	RR	RR	ΤŢ	GG			
PPPPP	PPPP	AA	AA	RRRR	RRRRR	TT	GG			
PPPPP		AAAAA	AAAAA	RRRR	RRRR	TT	GG	GGGG		
PP		AAAAA	AAAAA	RR	RR	ΤŢ	GG	GGGGG		
PP		AA	AA	RR	RR	TT	GG	GG		
PP		AA	AA	RR	RR	TT	GG	GGGGGG		
DD.		AA	AA	RR	RR	TT	G	GGGGG		

PART G

CROSSWIND SUMMARY

CROSSWIND SUMMARIES.

THESE TABLES ARE CREATED FROM HOURLY AND SPECIAL OBSERVATIONS (INCLUDING PEAK GUST REMARKS). THE TABLES ARE SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOUS COMBINED).
- BY MONTH (ALL YEARS AND THE HOURS 0600-2000 LST COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND THE HOURS 0600-2000 LST COMBINED).

THE TABLES GIVE PERCENT OCCURRENCE FREQUENCY (POF) OF THE "CROSS-RUNWAY WIND COMPONENT" FOR THE WIND SPEED CLASSES SPECIFIED IN THE TABLE HEADINGS. THERE ARE TWO COMPONENT CATEGORIES:

THE FIRST COMPONENT IS COMPUTED FROM THE REPORTED WIND DIRECTION AND WIND SPEED FROM HOURLY RECORD OR RECORD-SPECIAL OBSERVATIONS.

THE SECOND COMPONENT IS COMPUTED FROM THE HIGHEST REPORTED WIND SPEED AND DIRECTION FROM ALL OBSERVATIONS INCLUDING REMARKS, GUSTS, AND SPECIAL OBSERVATIONS.

OBSERVATION COUNTS INCLUDE CALM WINDS.

VARIABLE WINDS ARE CONSIDERED A DIRECT CROSSWIND IF THE SPEED EQUALS OR EXCEEDS THE SPECIFIED THRESHOLD WIND SPEED VALUE(S).

A TOTAL OBSERVATION COUNT IS INCLUDED.

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 150-330

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL

LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88

MONTH: JAN

...... CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

			CA	TEGOR	Y B: HIGH	IEST W	INDS R	EPORTED	NITHIN C	THE H	OUR (H	OURL 1ES	S + SPECI	ALS)		
•••••						• • • • • •	• • • • •				• • • • • •		•••••		•••••	••••
TIME (LST)		000	00 - 02	200		03	ioo - (0500		06	500 - (0800		(900 -	1100
SPEED (KTS)	GE 13	GE 16	GE21	OBS	GE 13	GE 16	GE21	OBS	GE 13	GE 16	GE21	OBS	GE13	GE 16	GE21	OBS
CATEGORY A	.8	.1		930	.4	.1		930	1.2			930	2.8	1.0	.1	930
CATEGORY B	3.2	1.7	.3	930	2.7	1.3	.2	930	3.3	2.0	.5	930	8.7	4.6	1.7	930
	 			• • • • •	•••••					· · · · · · ·						
TIME (LST)		1200	- 140	00		15	00 - 1	700		18	300 - 2	2000		;	2100 -	2300
SPEED (KTS)	GE 13	GE 16	GE21	OBS	GE 13	GE 16	GE21	OBS	GE 13	GE 16	GE21	OBS	GE 13	GE 16	GE21	088
CATEGORY A	5.5	2.0	.6	930	4.7	1.8	.6	930	1.7	.6	.2	930	1.2	.1	.1	93 0
CATEGORY B	16.6	10.4	3.3	930	12.3	8.0	3.0	930	4.7	3.0	1.1	930	3.9	2.4	.4	930
					•••••					· · · · · ·			• • • • • • • • • • • • • • • • • • • •		•••••	
			• • • • • • • • • • • • • • • • • • • •		*********					· · · · · · ·	••••		••••••		• • • • • •	
TIME (LST)]				060	00 - 2	000				ALL	HOU	RS			
SPEED KTS					GE13 GE	16 GE	21	OBS		GE 1	3 GE 1	6 GE2	1 OBS			
CATEGORY A					3.2 1.	. 1	.3	4650		2.	3.	7 .:	2 7440			
CATEGORY B					9.1 5.	.6 1	.9	4650		6.	9 4.	2 1.	3 7440			

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 150-330

PERIOD OF RECORD: NOV 78 - OCT 88

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FOLTY FL

LST TO UTC: + 5 MONTH: FEB

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

.....

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

	Control of the state of the sta															
TIME (LST)		000	00 - 02	200		03	i00 - (0500		04	600 - 0	800		(0900 -	1100
SPEED (KTS)	GE 13	GE 16	GE21	OBS	GE 13	GE 16	GE21	OBS	GE 13	GE 16	GE21	OBS	GE 13	GE 16	GE21	OBS
CATEGORY A	2.1	.7	.2	849	3.2	.7	.2	849	2.2	.9		849	4.0	1.3	.4	849
CATEGORY B	6.2	3.7	1.4	849	6.8	5.3	1.9	849	5.3	4.0	1.8	849	13.1	7.5	2.6	849
	· • • • • • •	• • • • •	• • • • • •					• • • • • • •								
TIME (LST)		120	00 - 14	00		15	00 -	1700		1	800 - 2	000		;	2100 -	2300
SPEED (KTS)	GE13 GE16 GE21 OBS GE13 GE16 GE21							OBS	GE 13	GE 16	GE21	OBS	GE 13	GE 16	GE21	OBS
CATEGORY A	5.9	1.9	.4	849	5.2	1.6		849	2.4	.7	.1	849	2.2	.5	.4	849
CATEGORY B	17.3	10.6	3.5	849	14.6	9.4	3.2	849	7.8	5.2	1.5	849	6.0	4.5	1.1	849
							,				• • • • • •	• • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • •		••••
TIME (LST)	i		•••••		060	0 - 20	000		•••••••	• • • • • •	ALL	HOURS			• • • • • •	••••
SPEED KTS	0600 - 2000 						OBS		GF 1 ⁷	GE 16	GE 21	OBS				
CATEGORY A					3.9 1.			4245					6792			
CATEGORY B						6 7.3 2.5 4245		3.4 1.0 .2 9.6 6.3 2.1			6792					
CATEGORI D						J E.				,	, 0.5	٤.١	0,72			

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 150-330

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL

LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88

MONTH: MAR

..... CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)																
TIME (LST)	 I	000	00 - 02	200		03	300 - C	500		06	00 - (0800		(3900 -	1100
SPEED (KTS)	 GE 13	GE 16	GE21	OBS	GE 13	GE 16	GE21	OBS	GE 13	GE 16	GE21	OBS	GE 13	GE 16	GE21	OBS
CATEGORY A	 1.5	.9	.5	930	1.8	.5	.3	930	2.4	.4	.3	930	7.8	3.0	.6	930
CATEGORY B	4.2	2.6	1.2	930	4.6	3.7	1.2	930	6.9	5.2	1.3	930	17.2	12.8	5.5	930
		• • • • • •						•••••	•••••		• • • • • •				• • • • • •	••••
TIME (LST)	ļ	120	00 - 14	00		15	00 - 1	700		18	300 - 3	2000		;	2100 -	2300
SPEED (KTS)	GE13	GE 16	GE21	OBS	GE 13	GE 16	GE21	OBS	GE 13	GE 16	GE21	OBS	GE 13	GE 16	GE21	OBS
CATEGORY A	10.9	4.3	.8	930	9.4	4.5	1.0	930	5.1	2.0	.2	930	2.3	.8		93 0
CATEGORY B	21.6	16.3	7.3	930	18.7	13.8	6.2	930	9.2	7.2	3.3	930	5.4	3.7	1.6	930
		• • • • • •										<i>.</i>		 		
TIME (LST)					060	00 - 2	000				ALL	HOUR	s			
SPEED KTS]				GE13 GE1	l6 GE	21	085		GE 13	3 GE 1	6 GE21	OBS			
CATEGORY A	ļ ļ				7.1 2.	.9	.6	4650		5.	1 2.	1 .5	7440			
CATEGORY B	 				14.7 11.	.1 4	.7	4650		11.0	8.	1 3.5	7440			

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 150-330

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL

LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88

MONTH: APR

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

							• • • •			• • • • • • • • • • • • • • • • • • • •							
TIME (LST)		000	00 - 02	200			03	00 - 0	0500		0	600 - 0	800		1	0 9 00 -	1100
SPEED (KTS)	GE13	GE 16	GE21	OBS	GE 1	3 GI	E16	GE21	OBS	GE 13	GE 16	GE21	OBS	GE 13	GE 16	GE21	OBS
CATEGORY A	.1			900	•	4			900	.7	.2		900	3.2	.8		900
CATEGORY B	2.7	1.6		900	2.) 1	1.6	.3	900	2.7	1.9	.4	900	14.4	8.7	2.0	900
		• • • • •				• • • •	• • • •						• • • • • • •		••••		
TIME (LST)	 	120	00 - 14	00			15	00 -	1700		1	800 - 2	2000		;	2100 -	2300
SPEED (KTS)	GE 13	GE 16	GE21	OBS	GE 1	3 GE	E 16	GE21	OBS	GE 13	GE 16	GE21	OBS	GE 13	GE 16	GE21	OBS
CATEGORY A	6.3	2.7	.1	900	6.	7	1.8	.1	900	4.1	.4	.1	900	1.1	.3		900
CATEGORY B	24.1	15.6	4.3	900	19.	0 1	2.6	4.0	900	8.9	6.8	1.8	900	3.2	2.2	.7	900
••••	· • • • • • •	• • • • • • • • • • • • • • • • • • •	• • • • •					· · · · · ·	• • • • • •		• • • • • •				• • • • • •		
TIME (LST)					060	00 -	200	0			• • • • • •	ALL	HOURS	•	•••••	•••••	••••
SPEED KTS					GE 13 GI	16	GE2	1	OBS		GE 13	GE 16	GE21	OBS			
CATEGORY A					4.2	.2		1 4	4500		2.8	8. 8	.0	7200			
CATEGORY B					13.8	2.1	2.	5 4	4500		9.6	6.3	1.7	7200			

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 150-330

STATION NUMBER: 747945

CATEGORY A

CATEGORY B

STATION NAME: NASA SHUTTLE LANDING FOLTY FL

LST TO UTC: + 5 MONTH

PERIOD OF RECORD: NOV 78 - OCT 88 MONTH: MAY

1.3 .2 .0 7440

7.7 4.2 .7 7440

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

	• • • • • • •		• • • • • •	• • • • •				•••••	• • • • • • • •		• • • • • • •		• • • • • • •		• • • • • •	• • • • •
TIME (LST)	ļ	000	00 - 00	200		03	soo - (0500		O	600 - 0	800			0900 -	1100
SPEED (KTS)	GE13	GE 16	GE21	OBS	GE 13	GE 16	GE21	OBS	GE 1	GE 16	GE21	OBS	GE13	GE 16	GE21	OBS
CATEGORY A	.3			930	.3			930	.:	i		930	2.0	.1		930
CATEGORY B	2.2	1.5	.1	930	.8	.4	.2	930	2.7	1.5	.4	930	14.2	7.7	1.1	930
											• • • • • • •					
TIME (LST)	ļ	120	00 - 14	•00		15	00 -	1700		1	800 - 2	2000			2100 -	2300
SPEED (KTS)	 GE13 	GE 16	GE21	OBS	GE 13	GE 16	GE21	OB\$	GE 13	GE16	GE21	OBS	GE 13	GE 16	GE21	OBS
CATEGORY A	3.3	.8		930	2.9	.8	.1	930		5 .2		930	.5			930
CATEGORY B	18.4	11,1	1.7	930	16.0	8.1	1.4	930	4.	2.0	.5	930	2.3	1.4	.3	930
		• • • • • •		• • • • • •			• • • • •		• • • • • • • • • • • • • • • • • • • •		• • • • • • •					· · · · ·
		•••••	• • • • • •	• • • • • •				•••••	• • • • • • • •		• • • • • • •		•••••••• -	••••		••••
TIME (LST)	} 				060	0 - 2	000				ALL	HOUR	S			
SPEED KTS	į				GE13 GE1	6 GE	21	OBS		GE 1	13 GE 16	6 GE21	OBS	;		

4650

1.9 .4 .0 4650

11.2 6.1 1.0

USAFETAC, ASHEVILLE NC

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 150-330

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL

PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5 MONTH: JUN

CATEGORY A: A	NY C	EILING OR	VISIBILITY	(HOURLY	OBS	ONLY)
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TIME (LST)	ļ	000	00 - 02	00		03	S00 - 1	0500		0	600 - 0	800		1	0900 -	1100
SPEED (KTS)	 GE13	GE 16	GE21	OBS	GE 13	GE 16	GE21	OBS	GE 13	GE 16	GE21	OBS	GE 13	GE 16	GE21	OBS
CATEGORY A	!			900				900	.1			900	1.4	.2		900
CATEGORY B	.3	.2	.1	900	.2			900	1.0	.2	.1	900	6.4	2.8	.6	900
******								• • • • • • •					· · · · · · · · · · · ·			
TIME (LST)	ļ	12	00 - 14	00		15	500 -	1700		1	800 - 2	000		;	2100 -	2300
SPEED (KTS)	GE13	GE 16	GE21	OBS	GE 13	GE 16	GE21	OBS	GE 13	GE 16	GE21	OBS	GE 13	GE 16	GE21	OBS
CATEGORY A	2.3	.6	.1	900	2.8			900	1.0	.6		900	.4	.2		900
CATEGORY B	11.4	6.8	1.3	900	8.	4.7	1.3	900	2.2	1.6	.7	900	.9	.7	.4	900
	 			. .	· · · · · · · · · · · ·			• • • • • • • • • • • • • • • • • • • •							· • • • • •	
••••••		• • • • •		•••	• • • • • • • •	• • • • • •		• • • • • •				• • • • • •		• • • • •		• • • • •
TIME (LST)	ļ				060	0 - 20	000				ALL	HOURS	;			
SPEED KTS	! 			(GE13 GE1	6 GE	21	OBS		GE 13	GE 16	GE21	OBS			
CATEGORY A	! 				1.5 .	4 .	.0	4500		1.0	.3	.0	7200			
CATEGORY B	! !				5.8 3.	2 .	.8	4500		3.8	3 2.1	.6	7200			

PERCENTAGE FREQUENC OF OCCURRENCE OF CROSSWINDS FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 150-330

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL

LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88 MONTH: JUL

..... CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

	• • • • • •	, .	• • • • • •		• • • • • • • •	••••	•••••	• • • • • • •	• • • • • • • •	•••••	• • • • • •	• • • • • •	• • • • • • • • • • • • • • • • • • • •		• • • • • •	• • • • •
TIME (LST)		000	00 - 02	200		03	ioo - 0	500		0	600 -	0800		ı	0900 -	1100
SPEED (KTS)	GE13	GE 16	GE21	OBS	GE13	GE 16	GE21	OBS	GE 13	GE 16	GE21	OBS	GE13	GE 16	GE21	OBS
CATEGORY A	.5	.1		930	.3			930	.6			930	1.2			930
CATEGORY B	1.1	1.1	.2	930	.9	.8		930	1.8	1.3	.5	930	3.7	2.4	.9	930
	· • • • • • • •			· · · · · ·	• • • • • • • • •	• • • • • •		• • • • • • •	• • • • • • • • •		• • • • • •					
TIME (LST)		120	00 - 14	00		15	00 - 1	700		1	800 -	2000			2100 -	2300
SPEED (KTS)	GE 13	GE 16	GE21	OBS	GE 13	GE 16	GE21	OBS	GE 13	GE 16	GE21	OBS	GE 13	GE 16	GE21	OBS
CATEGORY A	GE13		GE21	0BS 930	GE13	G€16 .4	GE21	OBS 930	GE 13		GE21	08S 930	GE13	GE 16	GE21	0BS 930
Ì	1.8				1.7				.9							930
CATEGORY A	1.8	.3		930	1.7	.4		930	.9	.3		930	.2	.1		930

TIME (LST)		0600	- 2000			ALL	HOURS	
SPEED KTS	GE13	GE 16	GE21	088	GE 13	GE 16	GE 21	OBS
CATEGORY A	1.2	.2		4650	.9	.2		7440
CATEGORY B	4.5	2.6	.8	4650	3.2	1.9	.6	7440

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 150-30

PERIOD OF RECORD: NOV 78 - OCT 88

1.0

930

STATION NUMBER: 747945

CATEGORY B

STATION NAME: NASA SHUTTLE LANDING FOLTY FL

1.9 1.1 .1 930

LST TO UTC: + 5

6.8 4.1 .9 930

MONTH: AUG

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY) CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS) 0300 - 0500 0080 - 0800 0900 - 1100 0000 - 0200 TIME (LST) SPEED (KTS) GE13 GE16 GE21 OBS GE13 GE16 GE21 OBS GE13 GE16 GE21 OBS GE13 GE16 GE21 OBS .2 930 .2 930 930 930 CATEGORY A .5 .1 930 1.2 .8 .1 930 1.0 .6 1.3 .9 .1 930 3.4 1.6 .2 930 CATEGORY B 1500 - 1700 1800 - 2000 2100 - 2300 TIME (LST) 1200 - 1400 GE13 GE16 GE21 OBS GE13 GE16 GE21 OBS GE13 GE16 GE21 OBS SPEED (KTS) | GE13 GE16 GE21 OBS CATEGORY A 930 1.4 930 .4 . 1 .2 930 .2

4.7 2.9 .2 930

TIME (LST)		0600	- 2000			ALL	HOURS	
SPEED KTS	GE 13	GE 16	GE21	OBS	GE 13	GE 16	GE21	OBS
CATEGORY A	.6	.0		4650	.4	.0		7440
CATEGORY B	3.6	2.1	.3	4650	2.7	1.5	.2	7440

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 150-330

PERIOD OF RECORD: NOV 78 - OCT 88

CATEGORY B

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FOLTY FL

LST TO UTC: + 5

MONTH: SEP

8.2 6.2 2.1

7200

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	ļ	000	00 - 02	200			03	00 -	0500		0	600 - 1	0800			0900 -	110
SPEED (KTS)	GE 13	GE 16	GE21	OBS	GE 1	3 G	E16	GE21	OBS	GE13	GE 16	GE21	OBS	GE 13	GE 16	GE21	90
CATEGORY A	1.3	-4	.3	900	2.:	3	.3	.3	900	2.7	.9	.3	900	4.3	1.1	.3	90
CATEGORY B	5.0	4.0	1.0	900	4.	7 3	3.0	1.6	900	5.1	3.7	1.7	900	11.6	9.0	2.6	90
			· • • • • •						• • • • • •		· · · · · ·				• • • • • •	• • • • • •	
TIME (LST)		120	00 - 14	•00			15	00 -	1700		1	800 - 3	2000			2100 -	230
SPEED (KTS)	GE 13	GE 16	GE21	OBS	GE 1	3 G1	E16	GE21	OBS	GE 13	GE 16	GE21	OBS	GE 13	GE 16	GE21	OE
CATEGORY A	5.9	1.7	.3	900	4.	4	1.6	.4	900	2.1	.7	.3	900	1.4	.1	.1	90
CATEGORY B	14.8	10.8	3.9	900	11.	7 '	9.4	3.1	900	6.4	5.2	1.9	900	6.4	4.8	.9	9(
	! • • • • • • •	· • • • • •	· · · · · ·								• • • • • •						
TIME () ST		• • • • • •				400	- 20		• • • • • •	• • • • • • • • • • • • • • • • • • • •		ALL	HOL	,			
TIME (LST)	ł 				U.	500	- 20	,00				ALL	noc	iks			
SPEED KTS	i			(GE 13 G	E 16	GE 2	21	OBS		GE 1	3 GE 1	6 GE2	21 OB	\$		
CATEGORY A					3.9	1.2		4	4500		3.	1 .	8.	3 720	D		

9.9 7.6 2.6

4500

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS

FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 150-330

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL PERIOD OF RECORD: NOV 78 - OCT 88 LST TO UTC: + 5 MONTH: OCT

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

					,	HIGHE					1 ME HU	JUK (HUUI		SPECIAL	.s) 		
TIME (LST)	į	000	00 - 02	200			03	ioo - 0	500		0	600 - 0	800			0900 -	1100
SPEED (KTS)	GE 13	GE 16	GE21	OBS	C	E 13	GE 16	GE21	OBS	GE 13	GE 16	GE21	OBS	GE 13	GE 16	GE21	OBS
CATEGORY A] .9			930		.5			930	.8	.1		930	3.4	.1		930
CATEGORY B	4.4	3.0	.2	930		3.2	2.7	.5	930	4.8	3.4	.6	930	17.3	11.9	1.4	930
•••••	! 										• • • • • •	· · · · · · · ·					
TIME (LST)		126	00 - 14	00			15	00 - 1	700		1	800 - 2	000		;	2100 -	2300
SPEED (KTS)	GE 13	GE 16	GE 21	OBS	C	E13	GE 16	GE21	OBS	GE 13	GE 16	GE21	OBS	GE 13	GE 16	GE21	OBS
CATEGORY A	5.6	,6		930		3.1	.4		930	1.1	.1		928	1.9	.2		927
CATEGORY B	22.2	15,3	3.3	930		13.0	8.3	1.7	930	6.1	3.3	.3	928	7.1	4.3	1.0	927
•••••									• • • • • •		• • • • • •				• • • • • •	•••••	
****			• • • • • •				•••••		• • • • • •		• • • • • •			•••••	• • • • •	• • • • • •	•••••
TIME (LST)]					11600	- 20	00				ALL	HOURS				
SPEED KTS					GE13	GE 16	GE2	1	OBS		GE 13	GE 16	GE21	OBS			
CATEGORY A					2.8	.3		4	648		2.7	2 .2		7435			
CATEGORY B					12.7	8.5	1.	5 4	648		9.8	6.5	1.1	7435			

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 150-330

PERIOD OF RECORD: NOV 78 - OCT 88

STATION NUMBER: 747945

STATION NAME: NASA SHUTTLE LANDING FCLTY FL

LST TO UTC: + 5 MONTH: NOV

.....

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

		CATEGORY B	: HIGHEST	WINDS REPORTE	WITHIN	THE HOUR (HOURL)	ES + SPECIALS)
TIME (LST)	000	0 - 0200	1	0300 - 0500		0600 - 0800	0900 - 1100
SPEED (KTS)	E13 GE16 (GE21 OBS	GE13 GE16	GE21 OBS	GE 13	GE16 GE21 OBS	GE13 GE16 GE21 OBS
CATEGORY A	1.6	900	1.8	900	1.3	900	3.0 .3 900
CATEGORY B	5.8 2.8	.4 900	5.0 3.	.6 900	4.7	3.1 1.0 900	11.3 7.9 1.3 900
				• • • • • • • • • • • • • • • • • • • •		• • • • • • • • • • • • • • • • • • • •	
TIME (LST)	120	0 - 1400		1500 - 1700		1800 - 2000	2100 - 2300
SPEED (KTS)	GE13 GE16	GE21 OBS	GE13 GE1	6 GE21 OBS	GE 13	GE16 GE21 OBS	GE13 GE16 GE21 OBS
CATEGORY A	4.0 1.0	900	2.1 .	3 900	1.3	.1 900	.4 900
CATEGORY B	14.6 10.3	2.6 900	9.7 6.	1 1.0 900	5.6	3.4 .7 900	3.9 2.9 .6 900
TIME (LST)			0600 -	2000		ALL H	DURS
SPEED KTS		GE	13 GE16 G	E21 OBS		GE13 GE16 GI	E21 OBS
CATEGORY A		2	.4 .4	4500		1.9 .2	7200

TIME (LST)		0600	- 2000			ALL	HOURS	
SPEED KTS	GE 13	GE 16	GE21	OBS	GE 13	GE 16	GE21	OBS
CATEGORY A	2.4	.4		4500	1.9	.2		7200
CATEGORY B	9.2	6.2	1.3	4500	7,6	5.0	1.0	7200

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 150-330 PERIOD OF RECORD: NOV 78 - OCT 88

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL

LST TO UTC: + 5

MONTH: DEC

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

			CA	TEGORY	/ B: HIG	HEST W	INDS R	EPORTE	·····	THE HO	OUR (HO	JRLIES -	+ SPEC1 <i>F</i>	ALS)		
TIME (LST)		00	00 - 02	200		0	300 -	0500		0	600 - 0	800			0 9 00 -	1100
SPEED (KTS)	GE13	GE 16	GE21	OBS	GE 13	GE 16	GE21	085	GE 13	GE 16	GE21	OBS	GE 13	GE 16	GE21	OBS
CATEGORY A	.3			930	.8	.1		930	1.0	.1		930	1.6			930
CATEGORY B	3.1	1.5	.2	930	3.0	2.3	.5	930	3.7	2.4	.3	930	7.8	5.2	1.2	930
•••••	} · • • • • •															
TIME (LST)		12	00 - 14	00		1	500 -	1700		1	800 - 2	000			2100 -	2300
SPEED (KTS)	GE13	GE 16	GE21	OBS	GE 13	GE 16	GE21	OBS	GE 13	GE 16	GE21	OBS	GE 13	GE 16	GE21	OBS
CATEGORY A	3.1	.5		930	2.6	1.3	. 1	930	.9	.1		930	.8			930
CATEGORY B	11.6	7.2	1.8	930	7.5	4.9	1.9	930	4.9	3.7	.8	930	4.4	3.2	.8	930
		• • • • •						•••••		• • • • • •			• • • • • • • •	• • • •	• • • • •	••••
TIME (LST)					06	00 - 2	000				ALL	HOURS				
SPEED KTS					GE 13 GE	16 GE	21	OBS		GE 13	GE 16	GE21	OBS			
CATEGORY A					1.8	.4	.0	4650		1.4	3	.0	7440			
CATEGORY B					7.1 4	.7 1	.2	4650		5.8	3.8	.9	7440			

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 150-330

STATION NUMBER: 747945 STATION NAME: NASA SHUTTLE LANDING FCLTY FL

LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88

MONTH: ALL

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS O	ONLY)	
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TIME (LST)	ļ	000	00 - 0200		030	0 - 0500		0	600 - 0800		0900 - 1100
SPEED (KTS)	 GE13	GE 16	GE21 OBS	GE 13	GE16	GE21 OBS	GE 13	GE 16	GE21 OBS	GE 13 (GE16 GE21 OBS
CATEGORY A	8.	.2	.1 10959	1.0	.1	.1 10959	1.1	.2	.1 10959	2.9	.7 .1 10959
CATEGORY B	3.3	2.0	.4 10959	2.9	2.0	.6 10959	3.6	2.5	.7 10959	10.7	6.8 1.7 10959
• • • • • • • • • • • • • • • • • • • •		• • • • •				• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • •	•••••	• • • • • • • • • • • • • • • • • • • •	•••••
TIME (LST)	1	120	00 - 1400		150	0 - 1700		1	800 - 2000		2100 - 2300
SPEED (KTS)	GE 13	GE 16	GE21 OBS	GE 13	GE16 (GE21 OBS	GE 13	GE 16	GE21 OBS	GE13 (GE16 GE21 OBS
CATEGORY A	4.7	1.4	.2 10959	3.8	1.3	.2 10959	1.8	.5	.1 10957	1.1	.2 .0 10956
CATEGORY B	 15.6 	10.2	2.9 10959	11.8	7.6	2.3 10959	5.4	3.7	1.1 10957	3.8	2.6 .7 10956
	` 	<i>.</i>									
TIME (LST)	ļ			060	00 - 200	00			ALL HOUF	RS	
SPEED KTS				GE13 GE1	16 GE21	OBS		GE 1	3 GE16 GE2	obs	
CATEGORY A	!			2.9	.8 .1	54793		2.	1 .6 .	1 87667	
CATEGORY B				9.4 6.	.2 1.8	54793		7.	1 4.7 1.3	87667	

PPPPP	PPPPPPPP PPPPPPPPP		AAAAAA AAAAAAA		RRRR	111111111	нн	HH	
PPPPP					RRRRR	TTTTTTTTT	HH	нн	
PP	PP	AA	AA	RR	RR	TT	HH	нн	
PP	PP	AA	AA	RR	RR	ΤΤ	HH	нн	
PPPPP	PPPPPPPPP		AA	RRRR	RRRRR	TT	нинининин		
PPPPPPPP		AAAAAAAA		RRRRRRRR		TT	нинининин		
PP		AAAAA	AAAAA	RR	RR	TT	нн	НН	
PP		AA	AA	RR	RR	TT	нн	HH	
₽₽		AA	AA	RR	RR	ΤĪ	нн	нн	
PP		AA	AA	RR	RR	TT	нн	нн	

PART H

DEGREE DAY SUMMARIES

DEGREE DAYS.

CREATED FROM HOURLY OBSERVATIONS (MAX+MIN/2 WHEN AVAILABLE), THESE TABLES GIVE THE THE NUMBER OF DEGREE DAYS FOR EACH MONTH IN EACH YEAR OF THE AVAILABLE PERIOD OF RECORD.

INCLUDED BENEATH EACH SUMMARY ARE STATISTICS BASED ON A 30-YEAR (1951-1980) POR (IF AVAILABLE). THE 30-YEAR POR PROVIDES AWS USERS WITH A SUMMARY CONSISTENT WITH OTHER STANDARD CLIMATIC PUBLICATIONS, NOTABLY THOSE OF THE NATIONAL LIMATIC DATA CENTER (NCDC). NOTE THAT THE 30-YEAR POR WILL CHANGE TO 1961-1990 AS SOON AS DATA FOR DECEMBER 1990 HAS BEEN PROCESSED.

MONTHS WITH NO AVAILABLE DATA AND MONTHS WITH A VALUE OF ZERO APPEAR AS BLANKS IN THESE TABLES. ASTERISKS (****) DENOTE AN INCOMPLETE MONTH WITH A DAY (OR DAYS) THAT CANNOT BE CALCULATED (FILLED IN) AUTOMATICALLY.

HEATING DEGREE DAYS.

ONE "HEATING DEGREE DAY" IS ASSIGNED TO REPRESENT EACH DEGREE THAT THE MEAN TEMPERATURE FALLS BELOW A DESIGNATED "BASE TEMPERATURE" OF 65 DEGREES* FAHRENHEIT. FOR EXAMPLE, IF THE MEAN TEMPERATURE ON A GIVEN DAY IS 57 DEGREES, THAT DAY IS SAID TO HAVE 8 HEATING DEGREE DAYS.

COOLING DEGREE DAYS.

ONE "COOLING DEGREE DAY" IS ASSIGNED TO REPRESENT EACH DEGREE THAT THE TEMPERATURE RISES ABOVE A DESIGNATED "BASE TEMPERATURE" OF 65 DEGREES* FAHRENHEIT. FOR EXAMPLE, IF THE MEAN TEMPERATURE FOR A GIVEN DAY IS 73 DEGREES, THAT DAY IS SAID TO HAVE 8 COOLING DEGREE DAYS.

*65 DEGREES FAHRENHEIT HAS BEEN SELECTED AS THE NATIONWIDE STANDARD
"BASE TEMPERATURE" AT WHICH (AT LEAST THEORETICALLY) NO HEATING OR
COOLING IS REQUIRED. IF ANOTHER BASE TEMPERATURE IS USED IN THESE
TABLES, IT WAS SPECIALLY REQUESTED BY THE STATION, AND IS NOTED.

HEATING DEGREE DAYS FROM HOURLY OBSERVATIONS

BASE TEMPERATURE 65

STATIO	N NUMI	BER: 747		TATION NA ST TO UT		SHUTTLE	LANDING	FCLTY FL		PERI	OD OF	RECORD: N	1AR 78	- OCT 88
YEARS		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ост	NOV	DEC	ANN
1978	;	• • • • • • • •	• • • • • • • •	59	4		• • • • • • •	• • • • • • • • •	•••••	• • • • • • •	• • • • • •	• • • • • • • • •	32	95
1979	i	207	191	59	2 5							36	99	594
1980	İ	159	240	73	5						2	61	167	707
1981	1	409	129	115								87	207	947
1982	i	194	25	31							6	3	80	339
1983	i	221	131	96	16							56	150	670
1984	i	197	135	73	12							44	71	532
1985	j	330	151	27	16							15	222	761
1986	ı	176	75	114	23							1	44	433
1987	- 1	240	119	66	66						2	45	101	639
1988	İ	221	203	100	17									541
MEAN		235	139	73	14						0	34	117	
SD	1	76.65	62.19	30.02	18.76						1.87	29.45	66.11	

COOLING DEGREE DAYS FROM HOURLY OBSERVATIONS

BASE TEMPERATURE 65

STATIO	NUM	BER: 747		TATION N ST TO UT		A SHUTTL	E LANDIN	G FCLTY	FL	PE	RIOD OF	RECORD: 1	MAR 78	- OCT 88
YEARS		MAL	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1978		• • • • • • • •	• • • • • • •	39	207	383	484	555	540	471	333	214	122	3348
1979	i	27	43	80	265	344	448	574	495	483	340	178	51	3328
1980	Ì	13	24	148	164	366	454	556	530	467	301	168	19	3210
1981	1		46	51	173	301	491	523	508	424	354	90	73	3034
1982	- i	60	95	189	221	277	481	511	523	441	302	220	152	3472
1983	i	25	17	51	121	299	411	530	538	452	347	104	108	3003
1984	i	42	55	111	150	305	375	449	505	405	347	125	114	2983
1985	i	26	73	114	174	324	475	484	513	411	420	257	58	3329
1986	ı	31	73	103	106	279	433	514	506	446	365	300	117	3273
1987	i	35	32	82	109	314	467	521	551	464	235	171	91	3072
1988	ĺ	28	35	76	177	266	412	506	536	504	247			2787
MEAN		28	49	94	169	314	448	520	522	451	326	182	90	•••••
MEAN	I	20	49	74	109	314	440	320	322	431	320	102	90	
SD	i	15.97	24.68	44.82	48.71	37.20	36.85	34.92	17.98	30.37	52.90	66.78	39.96	

A W S | STATION NAME: NASA SHUTTLE LANDING FACILITY FL

LATITUDE/LONGITUDE: 28 37 N 080 41 W

CLIMATIC BRIEF | HOURLY OBS POR: NOV 78 - OCT 88 SUMMARY OF DAY POR: MAR 78 - OCT 88 HOURS SUMMARIZED: 0000 - 2300 LST

JAN 89 LST TO UTC: +05 FIELD ELEV: 9 FT STATION MSC: 747945

CALL SIGN: X68

SUPERSEDES: JUN 81

'														
MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
L EVIDA MAY TEMP (E)	85	87	9ú i	91	93	98 1	97	97	94	93	89	95 1	09 1	10
EXTRM MAX TEMP (F)	67	70	74	79	83	88 1	90	89	87	83	77	85 72	98 (80	10 10
MEAN MAX TEMP (F)	58	62	66	70	75	80 1	82	82	80	75	70	64	72	10
MEAN TEMP (F)	48	52	56	60	66	72	73	74	73	68	62	55 I	64	10
MEAN MIN TEMP (F)	19	32	29	40	48	53	55	64	57	66 { 47	32	ا در ا 22		
EXTRM MIN TEMP (F)	1 19 1	32	29	40	40	۱ ور	ا در	54	۱ /د ا	4/ /	32	22	19	10
D/W TEMP GE 100 (F)	i o	0	0	0	0	Ú	0	0	0	0	0	0	0	10
D/W TEMP GE 90 (F)	0	0	#	1	3	9	15	14	6	1 [o i	o i	49	10
D/W TEMP LT 40 (F)	6	3)	U	0	0	υ	0	ΰ	Ü	1 j	2 j	13	10
D/W TEMP LT 33 (F)	2	#	1	Ú	0	ŭ	υ	0	Û	υ j	#	1 j	4 j	10
HEATING DEGREE DAYS	235	139	73	14	0 1	0	0	0 1	0 1	#	34	117 I	612	11
COOLING DEGREE DAYS	28	49			314					•	!		3193	11
										•••••				· • • • • •
MEAN DEWPOINT TEMP (F)	50	53	56	59	65	72	73	74	72	67	62	57]	63	10
MEAN WET BULB TEMP (F)	54	56	60	63	68	74	75	76	74	69	65	59 j	66	10
99.95% WCPA (FT)	300	350	450	300	200	200	100	150	250	200	200	200	250	10
MEAN REL HUM 07 LST(%)	80 3 1	88 2	86 9 1	85 0	83 9 1	87 1 1	88.4	90 2	89 7 1	86.6.1	89 7	80 5 1	87.9	
MEAN REL HUM 13 LST(%)														10
THEAT REE HOW TO ESTAN														
MAX 24HR PRECIP (IN)	4.55	2.22	3.03	5.13	2.42	3.09)	3.30	2.89	5.31	2.31	5.12	2.76	5.31	10
MAX PRECIP (IN)	7.08	7.84	8.54	7.82	5.01	8.85	12.79	10.06	14.71	6.00	10.82	5 .85 j	55.64	10
MEAN PRECIP (IN)	2.63	2.88	3.28	2.43	3.08	4.91	6.32	5.20	6.41	3.14	3.88	2.62	46.87	10
MIN PRECIP (IN)	.05	.70	1.07	.04	1.18	2.20	2.35	1.14	2.09	.53	.17	.30	34.29	10
D/W PRECIP GE .01 (IN)	7	8	7	5	ರ	11	10	12	13	9	8	8 j	107	10
D/W PRECIP GT .50 (IN)		2	3	1	2 ;	5	۷.	4	4	2	2	2	31	10
MAX 24HR SNFL (IN)	0	0	Û ;	6	0	0	ا و.	Ù	Ů.	U	0	0	0	10
MAX SNFL (IN)	0	0 [0 }	Ü	Ü	Ú	U	0	6	U	0	0	0	10
MEAN SNFL (IN)	0 1	O į	0	0	0	0 [Ú	0	0	Ú	0	0	0	10
D/W SNFL GE .1 (IN)	l o i	0	0	0	U	0	0	0	0	Ü	0	0	0	10
D/W SNFL GE 1.5 (IN)	0 1	O	U į	U	υ	U	ij	Ü	0	U	Ú	0	υ	10
MAX DLY SNO DEPTH (IN)	Û	0	0 1	υ	0	0 1	Ų į	0	Û	U	υ	0	0	10
PRVLNG IND DIR (DEG)	1 32-341	35-01	14-16:	lastic.		08-101	7-10	11-13			1 35-01	32-34	08-10	i 10
	7	8			7		4	•	6	0.50	900.	7	7	10
•	45							45			ı	38	67	10
	· · · · · · · · · · · · · · · · · · ·									· · · · · · · · · · · · · · · · · · ·		·		
SKY COVER GT 5/10 (%)	49.0												47.6	į 10
	}							i 15				- 1	76	10
D/W FOG (VSBY LT 7 MI)	12	11			ا ن	5		; 0	.		7	11	88	10
LEGEND: ANN = ANNUAL D/W = MEAN NUMBE & = BASED ON L	ESS THA	YS WITH	I Months		WCPA =	WORST	CASE MA HAN 0.5	OF RECO AXIMUM F 5 DAYS C	ORD PRESSURE OR TRACE	E AS AP	JDE PLICABLE	Ē		
** = INSTANTANEOUS PEAK WINDS \$ = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN														

* = DATA NOT AVAILABLE

WIND DIRECTION

1	• • • • • • • • •	• • • • • •	• • • • • •	PERCE	ENT OCC	JRRENCE	FREQUE	ICY OF	CEILING	AND VI	SIBILITY		• • • • • •	• • • • • •		
м	ONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR	1
CIG LT 3000 FT AND/OR VSBY LT 3 MI	LST 00 - 02 03 - 05 06 - 08 09 - 11 12 - 14 15 - 17 18 - 20 21 - 23 ALL	13.4 16.5 22.3 17.2 14.0 11.9 10.5 9.7 14.4	12.8 12.8 19.9 15.2 9.3 8.6 9.5 8.0 12.0	7.7 9.9 16.0 9.7 6.6 4.3 5.6 5.1	4.0 5.9 7.6 4.7 3.7 2.8 3.8 3.8 4.5	3.1 3.0 4.9 4.0 4.4 4.2 3.2 1.9 3.6	2.0 4.1 5.9 5.0 5.3 3.1 3.2 2.7 3.9	1.2 .8 3.3 1.7 3.9 4.3 3.9 2.9 2.7	1.5 2.2 2.7 3.0 4.2 4.1 3.0 1.6	3.3 3.1 5.7 5.7 5.9 6.3 4.7 3.4 4.8	4.3 5.1 7.5 5.9 3.8 3.3 4.6 4.2 4.8	7.8 11.4 13.7 9.7 7.9 6.6 6.9 8.2 9.0	14.1 18.5 19.6 13.0 10.4 9.1 9.0 9.2	6.3 7.8 10.8 7.9 6.6 5.7 5.7 5.1 6.9	10 10 10 10 10 10 10	
CIG LT 1500 FT AND/OR VSBY LT 3 MI	00 - 02 03 - 05 06 - 08 09 - 11 12 - 14 15 - 17 18 - 20 21 - 23 ALL		6.8 9.1 15.0 10.8 4.4 3.1 5.3 5.1 7.4	4.0 5.3 10.0 4.1 1.6 1.8 3.2 2.6 4.1			.3 2.4 4.6 1.0 .3 .6 1.0 .4 1.3	.2 .2 2.2 3 .6 1.1 1.2 .8 .8			1.1 2.9 4.7 3.1 1.0 1.4 1.6 1.3 2.1		12.0 14.7 9.1 5.1 3.7 3.1 4.4	3.3 4.8 7.6 4.3 2.2 2.1 2.3 2.3 3.6	10 10 10 10 10 10 10	
CIG LT 1000 FT AND/OR VSBY LT 2 MI	00 - 02 03 - 05 06 - 08 09 - 11 12 - 14 15 - 17 18 - 20 21 - 23 ALL	7.1 8.9 12.8 8.4 5.7 5.7 5.7 5.4 5.1 7.4	5.3 6.8 11.7 7.5 3.2 2.0 3.3 4.2 5.5	2.9 3.7 5.9 1.6 1.1 1.5 1.7 1.9 2.5	1.9 2.4 4.1 .8 .2 .7 .0	.5	.3 1.8 3.7 .7 .2 .1 .6	.0 .2 .2 .2 .2 .4 .4 .4 .1 .4	.4 1.1 1.3 .2 .4 1.1 .7 .6	.3 .8 1.7 .4 .3 .4		3.9 6.3 6.9 5.6 1.2 1.0 1.3 2.3 3.6	6.7 10.2 11.4 7.2 2.9 1.8 1.8 3.2 5.7	2.5 3.7 5.5 2.9 1.4 1.3 1.3 1.5 2.5	10 10 10 10 10 10 10	
CIG LT 200 FT AND/OR VSBY LT 1/2 MI	00 - 02 03 - 05 06 - 08 09 - 11 12 - 14 15 - 17 18 - 20 21 - 23 ALL	1.0 1.7 2.5 .5 .0 .0 .3 .1	.7 .9 2.0 1.1 .0 .0 .0 .5	.2 .6 1.1 .0 .0 .0 .0	.0 .2 .3 .6 .0 .0 .0 .0 .0 .0 .0 .1	. υ	.0 .0 .4 .0 .0 .0	.0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .	.0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .	.0 .0 .0	0. 0. 0. 0. 0.	j .1	•	.3 .5 1.1 .2 .0 .0 .6 .1	10 10 10 10 10 10 10	

HURRICANES/TROPICAL STORMS OBSERVED FOR THE PERIOD -978-1986 (SPECIAL POR):

NOTE: STORMS ARE COUNTED IN THEIR MONTH OF ORIGIN.

HR/TS	JUN	JUL	AUG	SEP	OCT	NOV	ANN
60NM	0/0	0/1	1/2	0/2	0/0	0/0	1/5
120nm	0/1	1/1	1/2	1/2	0/1	ũ/C	3/7
240NM	0/2	1/1	2/3	1/2	0/1	1/1	5/10

REMARKS : a ALL DATA FOR THIS CLIMATIC BRIEF DERIVED EXCLUSIVELY FROM STATION X68.

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